DELIVERABLE

Project Acronym: EAGLE
Grant Agreement number: 325122
Project Title: Europeana network of Ancient Greek and Latin Epigraphy

EAGLE metadata model specification – Second Release
D 3.1.2
version: Nº 1.1

Authors:
Miguel-Angel Sicilia (UAH)
Joaquín L. Gómez-Pantoja (UAH)
María José Rubio Fuentes (UAH)
Eydel Rivero Ruiz (UAH)
Andrea Mannocci (CNR-ISTI)
Paolo Manghi (CNR-ISTI)
Franco Zoppi (CNR-ISTI)

Contributors:
Pietro Maria Liuzzo (UHEI)
Valentina Vassallo (CYI)
Sorin Hermon (CYI)

Reviewers:
Philippe Martineau (Eureva)
Vittore Casarosa (CNR-ISTI)

Project co-funded by the European Commission within the ICT Policy Support Programme

<table>
<thead>
<tr>
<th>Dissemination Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>P  Public</td>
</tr>
<tr>
<td>C  Confidential, only for members of the consortium and the Commission Services</td>
</tr>
</tbody>
</table>

Page 1 of 389
## Deliverable 3.1.2
### EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Date</th>
<th>Authors</th>
<th>Organization</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>v.0.0.1</td>
<td>2013/09/23, Miguel-Angel Sicilia</td>
<td>UAH</td>
<td>Initial document structure</td>
</tr>
<tr>
<td>v.0.0.6</td>
<td>2013/10/16, Joaquín L. Gómez-Pantoja</td>
<td>UAH</td>
<td>Updated with information about contextual entities</td>
</tr>
<tr>
<td>V0.1.5</td>
<td>2013/12/11, Valentina Vassallo, Pietro Maria Liuzzo</td>
<td>CYI, UHEI</td>
<td>Revision and feedback</td>
</tr>
<tr>
<td>V0.1.8</td>
<td>2013/12/17, Philippe Martineau</td>
<td>Eureva</td>
<td>Complete revision and feedback</td>
</tr>
<tr>
<td>V0.1.9</td>
<td>2013/12/17, Vittore Casarosa</td>
<td>CNR-ISTI</td>
<td>Complete revision and feedback</td>
</tr>
<tr>
<td>V0.2.4</td>
<td>2013/12/23, Pietro Maria Liuzzo, Valentina Vassallo, Andrea Mannocci,</td>
<td>UHEI, CYI,</td>
<td>Integration and alignment of conceptual models</td>
</tr>
<tr>
<td></td>
<td>Paolo Manghi, Eydel Rivero Ruíz</td>
<td>CNR-ISTI, UAH</td>
<td></td>
</tr>
<tr>
<td>V0.2.6</td>
<td>2014/01/08, Eydel Rivero Ruíz</td>
<td>UAH</td>
<td>Revision and feedback</td>
</tr>
<tr>
<td>V1.0</td>
<td>2014/01/16, Andrea Mannocci, Paolo Manghi, Franco Zoppi</td>
<td>UAH, CNR-ISTI</td>
<td>Final version</td>
</tr>
<tr>
<td>V1.0</td>
<td>2014/01/17, Vittore Casarosa</td>
<td>CNR-ISTI</td>
<td>Final version with complete revision and feedback</td>
</tr>
<tr>
<td>V1.0.1</td>
<td>2014-03, Pietro Maria Liuzzo, Eydel Rivero Ruiz</td>
<td>UHEI, UAH</td>
<td>Updates</td>
</tr>
<tr>
<td>V1.0.3</td>
<td>2014-12-13, Joaquín L. Gómez-Pantoja, Miguel-Angel Sicilia, Donato</td>
<td>UAH</td>
<td>Revision and second version draft</td>
</tr>
<tr>
<td></td>
<td>Fasololini, Eydel Rivero Ruíz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V1.0.4</td>
<td>2014-12-28, Eydel Rivero Ruíz</td>
<td>UAH</td>
<td>Redesign of the EAGLE CIDOC CRM conceptual model</td>
</tr>
<tr>
<td>V1.0.5</td>
<td>2014-12-31, Eydel Rivero Ruíz</td>
<td>UAH</td>
<td>Updates on the structure of the EAGLE CRM RDF representation</td>
</tr>
<tr>
<td>V1.0.7</td>
<td>2015-01-20, Eydel Rivero Ruíz</td>
<td>UAH</td>
<td>Annex X Amendments</td>
</tr>
<tr>
<td>V1.1</td>
<td>2015-01-26, Pietro Maria Liuzzo, Eydel Rivero Ruíz</td>
<td>UHEI, UAH</td>
<td>Revision and feedback</td>
</tr>
</tbody>
</table>
Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>EXECUTIVE SUMMARY</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>PART I.</td>
<td>THEORETICAL FRAMEWORK</td>
<td>8</td>
</tr>
<tr>
<td>1.1</td>
<td>SCOPE AND ANTECEDEANTS</td>
<td>9</td>
</tr>
<tr>
<td>1.2</td>
<td>EPIGRAPHY OBJECTS</td>
<td>9</td>
</tr>
<tr>
<td>1.3</td>
<td>INGESTION TO EUROPEANA</td>
<td>9</td>
</tr>
<tr>
<td>1.4</td>
<td>CONTEXTUAL ENTITIES</td>
<td>9</td>
</tr>
<tr>
<td>PART II.</td>
<td>ENABLING INTEROPERABILITY IN THE EPIGRAPHY COMMUNITY</td>
<td>10</td>
</tr>
<tr>
<td>2.1</td>
<td>CONCEPTUAL MODELS AND COMMON METADATA SCHEMA</td>
<td>10</td>
</tr>
<tr>
<td>2.2</td>
<td>CIDOC CRM CONCEPTUAL MODEL FOR EAGLE</td>
<td>11</td>
</tr>
<tr>
<td>2.2.1</td>
<td>High-Level model</td>
<td>12</td>
</tr>
<tr>
<td>2.2.2</td>
<td>Low-Level model</td>
<td>12</td>
</tr>
<tr>
<td>2.3</td>
<td>EXPRESSING THE CONCEPTUAL SCHEMA</td>
<td>12</td>
</tr>
<tr>
<td>2.3.1</td>
<td>Survey among the Content Providers</td>
<td>12</td>
</tr>
<tr>
<td>2.3.2</td>
<td>Common data elements</td>
<td>12</td>
</tr>
<tr>
<td>2.3.3</td>
<td>Metadata information</td>
<td>12</td>
</tr>
<tr>
<td>2.3.4</td>
<td>Metadata elements for the Inscriptual objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.5</td>
<td>Metadata elements for Epigraphical field objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.6</td>
<td>Metadata elements for Monument objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.7</td>
<td>Metadata elements for Translation objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.8</td>
<td>Common metadata elements for visual representation objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.9</td>
<td>Metadata elements for Image objects (Photographs, Drawings, Graphics, Orthophotos, etc.)</td>
<td>12</td>
</tr>
<tr>
<td>2.3.10</td>
<td>Metadata elements for 3D model objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.11</td>
<td>Metadata elements for video objects</td>
<td>12</td>
</tr>
<tr>
<td>2.3.12</td>
<td>Description of encoding, profile and revision (EpiDoc specific)</td>
<td>12</td>
</tr>
<tr>
<td>PART III.</td>
<td>PRELIMINARY MAPPINGS FOR CONTENT PROVIDERS AND EUROPEANA</td>
<td>12</td>
</tr>
<tr>
<td>3.1</td>
<td>MAPPINGS FOR THE MAIN CONTENT PROVIDERS</td>
<td>12</td>
</tr>
<tr>
<td>3.2</td>
<td>MAPPING FOR EUROPEANA</td>
<td>12</td>
</tr>
<tr>
<td>3.2.1</td>
<td>Background on the EDM</td>
<td>12</td>
</tr>
<tr>
<td>3.2.2</td>
<td>Mapping approach</td>
<td>12</td>
</tr>
<tr>
<td>PART IV.</td>
<td>METADATA AGGREGATION IN EAGLE</td>
<td>12</td>
</tr>
<tr>
<td>4.1</td>
<td>REQUIREMENTS AND SOLUTION</td>
<td>12</td>
</tr>
<tr>
<td>4.2</td>
<td>EAGLE AGGREGATOR CONCEPTUAL MODEL (EACM)</td>
<td>12</td>
</tr>
<tr>
<td>4.2.1</td>
<td>EAGLE Object</td>
<td>12</td>
</tr>
<tr>
<td>4.3</td>
<td>EAGLE AGGREGATOR METADATA SCHEMA (EAMS)</td>
<td>12</td>
</tr>
<tr>
<td>ANNEX I - EAGLE METADATA SURVEY TEMPLATE</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Metadata Categories</td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>Elements</td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>vocabularies</td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>Vocabularies (Allowed values)</td>
<td></td>
<td>61</td>
</tr>
</tbody>
</table>
RELATIONAL TABLES ........................................................................................................... 61

ANNEX II - EPIDOC DOCUMENT TEMPLATE .................................................................... 62

ANNEX III - DETAILED ELEMENTS DESCRIPTION ............................................................... 68

  METADATA INFORMATION .................................................................................................. 68
  METADATA ELEMENTS FOR THE INSCRIPTION OBJECTS .............................................. 71
  METADATA ELEMENTS FOR EPIGRAPHICAL FIELD OBJECTS ....................................... 92
  METADATA ELEMENTS FOR MONUMENT OBJECTS ......................................................... 115
  METADATA ELEMENTS FOR TRANSLATION OBJECTS ................................................... 153
  COMMON METADATA ELEMENTS FOR VISUAL REPRESENTATION OBJECTS ............... 162
  METADATA ELEMENTS FOR IMAGE OBJECTS (PHOTOGRAPHS, DRAWINGS, GRAPHICS, ORTHOPHOTOS, etc.) .................................................................................................................. 168
  METADATA ELEMENTS FOR 3D MODEL OBJECTS ......................................................... 171
  METADATA ELEMENTS FOR VIDEO OBJECTS ................................................................... 175
  DESCRIPTION OF ENCODING, PROFILE AND REVISION (EpiDoc specific) ................... 178

ANNEX IV - DETAILED MAPPING TABLES FOR PROVIDERS ............................................ 180

  MAPPING FOR EPIGRAPHIC DATABASE ROMA (UNIROMA1) ........................................ 180
  MAPPING FOR EPIGRAPHIC DATABASE BARI (UNIBA) ................................................... 194
  MAPPING FOR EPIGRAPHISCHE DATENBANK HEIDELBERG (UHEI) .............................. 209
  MAPPING FOR HISPANIA HEPIGRAPHICA ONLINE (UAH) ........................................... 224
  MAPPING FOR UBI ERAT LUPA (PLUS) .......................................................................... 239
  MAPPING FOR ARACHNE (DAI) ........................................................................................ 254
  MAPPING FOR PETRAE (AUSONIUS) .............................................................................. 269
  MAPPING FOR STARC (CYI) .......................................................................................... 284

ANNEX V - DETAILED MAPPING TABLE FOR EDM ........................................................... 301

ANNEX VI - MANDATORY EDM ELEMENTS ...................................................................... 324

ANNEX VII - XML SCHEMA FOR THE EAGLE AGGREGATOR CONCEPTUAL MODEL ....... 339

ANNEX VIII EAGLE CIDOC RDF REPRESENTATION EXAMPLE OF A PHOTO IN EDH .......... 350

ANNEX IX EAGLE CIDOC RDF REPRESENTATION EXAMPLE OF AN INSCRIPTION IN HE .... 357

ANNEX X AMENDMENTS .................................................................................................... 385

  AMENDMENTS TO VERSION 1.0.0 .................................................................................... 385
    General changes ............................................................................................................. 385
    Changes in figures ......................................................................................................... 385
    Changes in metadata elements ..................................................................................... 386
## LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRBR</td>
<td>Functional Requirements for Bibliographic Records</td>
</tr>
<tr>
<td>CIDOC</td>
<td>ICOM's International Committee for Documentation</td>
</tr>
<tr>
<td>CIDOC CRM</td>
<td>CIDOC Conceptual Reference Model</td>
</tr>
<tr>
<td>CERIF</td>
<td>Common European Research Information Format</td>
</tr>
<tr>
<td>EPIDOC</td>
<td>Epigraphic Documents in TEI XML</td>
</tr>
<tr>
<td>DC</td>
<td>Dublin Core</td>
</tr>
<tr>
<td>SKOS</td>
<td>Simple Knowledge Organization System</td>
</tr>
<tr>
<td>RDF</td>
<td>Resource Description Framework</td>
</tr>
<tr>
<td>EDM</td>
<td>Europeana Data Model</td>
</tr>
<tr>
<td>CP</td>
<td>Content Provider</td>
</tr>
<tr>
<td>BPN</td>
<td>Best Practice Network</td>
</tr>
<tr>
<td>SPARQL</td>
<td>SPARQL Protocol and RDF Query Language</td>
</tr>
<tr>
<td>EACM</td>
<td>EAGLE Aggregator Conceptual Model</td>
</tr>
<tr>
<td>EAMF</td>
<td>EAGLE Aggregator Metadata Format</td>
</tr>
<tr>
<td>BCP</td>
<td>Best Current Practice</td>
</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

The main goal of the EAGLE project is to aggregate into the EAGLE portal data from the EAGLE partners who have epigraphic data bases (the so called Content Providers), and then ingest these data into Europeana. The purpose of this document is to define a common data model to which all the Content Providers can map their own data sets so that all the collected material can be managed in a uniform and coherent way, both for ingestion to Europeana and for supporting advanced search functionality over the aggregated data.

In general, the Content Providers’ data sets reflect the dual aspect of the epigraphic objects, i.e. a material object, an artefact carrying an inscription and at the same time the inscription itself, the textual information carried by the artefact. Content Providers use different models according to historical reasons and intents of the different projects. Some databases are more oriented towards the text of an inscription, some more on the object bearing the inscription, but always the two natures of the inscribed document coexist. The first step in the definition of a common data model has been the definition of a conceptual model and a schema that could adequately represent those two aspects. The conceptual model and the schema developed for EAGLE are based on CIDOC CRM and TEI/EpiDoc, two standards already widely used in the Cultural Heritage community:

After the introduction in Part 1, Part 2 describes in detail the EAGLE CIDOC CRM conceptual model and the EAGLE TEI/EpiDoc Schema. CIDOC CRM is very well suited to describe the physical aspects of an epigraph, together with events related to its creation, finding and conservation. It also has the advantage of being easily made available on the Semantic Web, through Linked Open Data Technologies, potentially increasing the visibility and usefulness of the EAGLE assets. TEI/EpiDoc is very well suited to describe the inscription part of an epigraph, where in addition to the text itself as it appears in the inscription; it is possible to include the resolution of abbreviations, possible interpretations and translations, critical apparatus and bibliography. In both descriptions images will play a significant role.

Part 3 describes a preliminary exercise of mapping the CIDOC CRM and the TEI/EpiDoc descriptions to the different data bases of the main EAGLE Content Providers, in order to check the validity and completeness of the conceptual model and the schema. It also describes a similar exercise for mapping the two EAGLE descriptions to EDM, the Europeana Data Model. These exercises are the base for the definition of the EAGLE Aggregator Conceptual Model and Metadata Schema, which will be the target in the actual mappings of the different data bases coming from the Content Providers to this Aggregator Schema, and it will be the source in the mapping from the Aggregator Schema to the Europeana Data Model, for ingestion into Europeana.

Part 4 describes in detail the EAGLE Aggregator Conceptual Model and Metadata Schema, which will capture in a coherent and homogeneous way the heterogeneous information about physical objects, inscriptions and contextual material provided by Content Providers. Taking into consideration the CIDOC CRM and TEI/EpiDoc descriptions, the requirements of the Europeana Data Model, the functionality to be provided by the EAGLE portal (as described in Deliverable D5.1), the main objective has been to focus on a set of main entities as small as possible, and keep the metadata format as simple as possible in order to simplify queries and make them easy to write and to understand. The conceptual model and schema of the Aggregator includes also the information provide by one of the EAGLE partner, the Trismegistos Card, which is essential in detecting when the same epigraph is being provided by more than one Content Provider, and treat those duplication adequately both for ingestion to Europeana and for providing query results.

Finally, the Annexes provide all the details, schemas, tables, etc. that have been left out of the main text to improve the readability of this document.
PART I. THEORETICAL FRAMEWORK

1.1 SCOPE AND ANTECEDENTS

The main purpose of the EAGLE metadata model is to represent information about epigraphic objects, which are a very particular kind of man-made material objects.

However, the scope is not limited to the description of those artefacts but extends to the context in which they are located or were found, and also to the knowledge available about them. In addition, the representation needs to cover different materializations of information about these artefacts, which includes replicas, images and any other kind of media that is bearing information about them.

In consequence, the model cannot be limited to the material characteristics of the epigraphic objects, but needs to be aware also of the activities that involve their preservation and the curation of information among them, including interpretations and conjectures.

Taking into account this rich information space requires considering as antecedents previous models that captured similar information. These include bibliographic and archival models as FRBR\(^1\), generic models of cultural objects as the CIDOC CRM\(^2\), research information models as CERIF\(^3\) and specific metadata schemas as EPIDOC\(^4\).

In the rest of this Part I, the main entities and activities that need to be considered in the domain are defined.

1.2 EPIGRAPHY OBJECTS

Inscriptions —and specially Greek and Latin epigraphs— had been objects avidly sought after by art collectors, diletanti and scholars from the early medieval period on. They were seen as valuable testimonials from the Classical Age, informing on every day customs and practices the Greek and Roman writers rarely took into account.

Since the XIXth century, scholars have collected and collated epigraphic texts in several ambitious projects to produce geographic or thematic corpora for historical or philological use; in many cases, the usefulness of those work-intensive projects is marred by the absence or incompleteness of graphic material (too costly to produce and print) and, specially, internal indexes for quick and easy information retrieval.

Those well-known shortcomings favour the interest for the so-called "digital Epigraphy", meaning the creation and diffusion of digital-databases. EAGLE’s WP3\(^5\) purpose is to make schemas and data structures from our partners’ databases compatible, thus allowing the definition of a common conceptual model and description formalism, for future use and data-exploitation and enabling at the same time cross-search capabilities in the EAGLE portal.

\(^1\) See http://www.ifla.org/publications/functional-requirements-for-bibliographic-records

\(^2\) See http://www.cidoc-crm.org/

\(^3\) See http://www.eurocris.org/index.php?page=featuresCERIF&t=1

\(^4\) See https://sourceforge.net/p/epidoc/wiki/Home/

\(^5\) For more information about Work Package 3 see EAGLE’s DoW available for members of the consortium at http://goo.gl/QZzz1k
The pillars for the first objective (a common conceptual model for the epigraphy community) will be the well-known CIDOC-CRM conceptual model and the TEI/EpiDoc description formalism. To attain the second objective (cross-search capability in the EAGLE portal aggregating metadata from all the partners) it will be necessary to define a subset of the CIDOC-CRM model and a metadata schema that includes also elements not completely covered in the TEI/EpiDoc description. The CIDOC-CRM conceptual model and the TEI/EpiDoc description are fully described in Part 2; the EAGLE subset of the conceptual model and the XML schema of the metadata aggregated in the EAGLE portal are fully described in Part 4.

1.3 INGESTION TO EUROPEANA

In general, all the partners’ data sets reflect the epigraphic monuments’ dual condition, that is, as an artefact (material object) and as a text. Thus, they record information about form and dimensions, place of finding, actual whereabouts and so on of the material object, as well as information about the inscribed text. Metadata definition for the first set of data is normally a straightforward task, but metadata definition for the second one usually need careful scholarly consideration, since the information to be recorded is often not so obvious and is often open to interpretation.

The ultimate goal of the EAGLE project is to aggregate data from all the Content Providers and ingest them into Europeana. Fortunately, almost all of the Europeana's schemas revolve around the first data category, making our work a matter of harmonization among the several EAGLE consorted databases and also with Europeana's requirements. Although it is the most rewarding part from a scholarly point of view, annotation of the textual part of an epigraphy is not actually required in the Europeana schema. However, in the EAGLE portal, as much as possible of the data related to the second aspect will be collected in order for it to become a precious asset for scholars in the field.

1.4 CONTEXTUAL ENTITIES

Since, an epigraphic monument is always a text-bearing object, from an owner's marking on an everyday artefact to the letters declaring the date of a building; a distinction could be made between its function and the content of the accompanying text. Thus, a grave marker normally declares the defunct' names but it could have his/her portrait (as a sculpture) as well. Traditionally, epigraphers have paid more attention to the text than to the graphic/visual/artistic side of this dual nature, which was often summarily and subjectively described. Nowadays, it is almost mandatory to add pictures and/or drawings of the described monuments, and to provide additional data to identify those images, state their date, source and author.

Very often this “additional” pictorial material (which is very abundant in the databases of the EAGLE Content Providers and which will be a substantial part of the material ingested to Europeana) is related to monuments or other objects not directly bearing an inscription, and therefore those objects have been named “contextual entities”.

Page 9 of 389
PART II. ENABLING INTEROPERABILITY IN THE EPIGRAPHY COMMUNITY

2.1 CONCEPTUAL MODELS AND COMMON METADATA SCHEMA

Content providers use different models according to historical reasons and intents of the different projects. Some databases are more oriented towards the text of an inscription, some more on the object bearing the inscription, but always the two natures of the inscribed document coexist.

To facilitate the exchange of information and improve interoperability, on the side of data models to describe this kind of information, the EAGLE consortium considered two sets of standards, already widely used in the Cultural Heritage community:

- The EpiDoc standard, based on TEI, which offers a full way to give a description of the textual document.
- The CIDOC CRM conceptual model, which is explicitly oriented towards Cultural Heritage objects and offers an articulated way to best describe them.

EpiDoc/XML had already been chosen by many EAGLE Content Providers also as an export format, promoting the use of this standard and the making data already in EpiDoc available and accessible for future projects and research. EpiDoc allows the content to be described fully for what concerns the text of inscriptions, drawing on more than a decade long experimenting and development of this standard thanks to a vast and active international community of Digital epigraphists.

Many Content Providers decided to describe their content also using the CIDOC CRM conceptual model, to enable a further full description which is more oriented to consider epigraphies as objects, rather than as inscriptions. In this way it is possible to get the best of both worlds and have a complete interoperable description of the epigraphic assets. It also becomes easier to map the two descriptions to the Common EAGLE Metadata Model, which is the one used internally by the aggregator on the EAGLE server in order to deliver efficiently the functionality described in Deliverable D3.1.

Representing the epigraphic world in CIDOC CRM has also the advantage the descriptions of the epigraphies can be expressed in the RDF formalism in the most natural way, showing the properties and relationships of the many values associated with an epigraphy. The RDF representation in turn leads the way to link (some of) the epigraphies to the growing “cloud” of the Linked Open Data (LOD), i.e. the “Semantic Web”, increasing the usefulness and visibility of the EAGLE assets. The same RDF representation is also the one chosen for the translations in the EAGLE MediaWiki which uses wikibase as a software to produce wikidata ready code for each translation item.

The two descriptions will also facilitate the inclusion in the Common EAGLE Metadata Model of all those extremely important contextual items which are part of the contents provided by Members of the consortium, but which are not inscriptions themselves, and which have been called “Contextual Entities” (see Sec. 1.4). For example, not only the user will be then able to see all inscriptions on an altar, but will be able to see also all altars which are part of the contextual entities, even if they do not have an inscription, so that the possibility to do top quality research will be further enhanced.

---

6 Available at http://www.eagle-network.eu/wiki/index.php/Main_Page
7 For more information on wikibase and wikidata see http://www.mediawiki.org/wiki/Wikibase
The figure below tries to summarize in a pictorial way all the elements that have been considered for a description of the epigraphic material, taking into consideration the “why” (ability to describe an epigraph both as an object and as an inscription, ability to participate in the LOD cloud; facilitate research); the “what for” (ingestion of the epigraphic material into Europeana, provision of advanced functionality on the EAGLE portal; participation onto Wikidata for translations, facilitate networking among the EAGLE partners and development of individual applications); “the how” (use as much as possible existing standards – CIDOC CRM and EpiDoc – to facilitate the mapping to EDM – the Europeana Data Model – and the definition of the Common EAGLE Data Model for the services of the EAGLE portal).

Figure 1 Summary of descriptive elements of epigraphic material

2.2 CIDOC CRM CONCEPTUAL MODEL FOR EAGLE

The EAGLE conceptual model is essentially based on the CIDOC Conceptual Reference Model (CRM) which provides a formal ontological model for describing the structure of cultural heritage objects and the relationships between them, including event models for representing the life cycle of the objects. The model is aimed to ensure an easy way to exchange cultural heritage information between museums and cultural institutions by creating a common framework to which every particular cultural system can be mapped. Because of this characteristics and the use of formal semantics, the CIDOC CRM is an important example of framework that enhances the interoperability in the context of Linked Open Data, making it a good candidate as a conceptual model for internal representation and exposure and query via SPARQL.

2.2.1 High-Level model

Monuments are represented as instances of E22 Man-Made Object, which provides the way for describing all the physical characteristics such as dimensions, materials, state of preservation and also

---

8 See [http://www.w3.org/TR/rdf-sparql-protocol/](http://www.w3.org/TR/rdf-sparql-protocol/)

9 For a complete specification of CIDOC CRM entities and properties see [http://www.cidoc-crm.org/docs/cidoc_crm_version_5.1.2.pdf](http://www.cidoc-crm.org/docs/cidoc_crm_version_5.1.2.pdf)
for distinguishing the objects by names or any other identifiers. There are two types of monument objects: those who bear an inscription and those who don’t.

If the monument bears an inscription of some kind, then a differentiation is made between the monument itself and the region of the monument where the inscription is written, the epigraphic field, which is represented by instances of $E84$ Information Carrier. Similar to the monument, it has its own physical features, including dimensions, palaeographic characteristics and metre, and is related to the monument object using property $P46i$ forms part of. On the other hand, inscription objects and the information associated to them are represented as independent entities using instances of $E34$ Inscription.

Other resources that make propositions about the inscriptions, the epigraphic field or the whole monument, such translations, images, videos, 3D models, etc., are represented by instances of $E33$ Linguistic Object, $E38$ Image and $E73$ Information Object.

Space – Time information regarding the previous mentioned objects, is registered by instances of $E53$ Place and $E4$ Period respectively. History of the object, including transfer of custody between individuals and organizations and curation activities will be denoted using objects of type $E7$ Activity and its descendant classes. This high-level model is schematically depicted in Figure 2.

![Figure 2 High-Level model](image)

### 2.2.2 Low-Level model

The low-level model is divided in two different subgroups for the sake of simplicity and understanding:
• Low-level sub-model for physical objects.
  The first sub-model corresponds to the description of the physical characteristics of monuments and epigraphical fields, along with the information about identification, location and dating.

• Low-level sub-model for documental objects.
  The second sub-model corresponds to the description of the immaterial objects that make propositions about the physical objects, such as inscriptions, transcriptions, images and 3D models.

Sub-model for physical objects

Identification information

The identification information of monuments is specified using an instance of E42 Identifier related via property P1 is identified by; this identification will consist mostly of the unique inventory number assigned to that monument within the institution to which it belongs.

Physical description

Monuments can be made of one or more materials, each of which will be represented as an instance of E57 Material and related to the object via P45 consist of. Materials and the rest of types in the model are built as EAGLE controlled vocabularies.

Dimensions of monuments, inscribed letters and epigraphical field are represented using instances of E54 Dimension and related via P43 has dimension. At the same time, the units used for the measurement are specified through instances of E58 Measurement Unit and related to E54 Dimension via property P91 has unit.

Types of monument are represented through E55 Type and related to the E22 Man-Made Object via property P2 has type.

To register different preservation states that can be associated to the object such as broken or lost, an instance of E3 Condition State is used and related to the monument object via property P44 has condition.

There are some characteristics that describe an epigraphic object that are not explicitly expressed in the CIDOC model such as comments, decoration, metre and palaeographic characteristics. The model provides a way around to incorporate this features using property P3 has note and linking to instances of E62 String.

History of objects

The process of creation of a man-made object is modelled in CIDOC-CRM using a particular case of E7 Activity. Activities involve both complex and simple actions and can be of great diversity including E10 Transfer of Custody, E11 Modification, E65 Creation or E87 Curation Activity, among others. A special case of Modification is E12 Production, which is used here to represent the action that gave as a result the creation of a new item. The Production activity is related with the monument object via property P108i was produced by.

10 Available for members of the consortium at http://www.eagle-network.eu/about/reserved-area/eagle-vocabulary/
There are some characteristics related with the creation process of an epigraphic object such as engraving technique, ancient and modern place of finding and the period of finding that are specified as follows:

For the engraving technique, an instance of E55 Type is used and related via P2 has type.

Approximation of dates is expressed by instances of E52 Time Span is used, which consist of abstract temporal ranges described by initial moment, culmination moment and duration. This entity is then related with E7 Activity via property P4 has time span. E52 Time Span is farther detailed using instances of E61 Time Primitive which provides a way to express date intervals applicable to cultural documentation. This entity is related to E52 via property P82 at some time within.

If there is a relevant period of time, into which we can situate the approximate date of finding of the object, this period is specified through an instance of E4 Period. According to the CRM documentation, this entity is identified by the existence of a cultural or physical phenomena related in space and time, although its relevance is marked by the actual phenomena and not the time-space information. The relation with E12 Production is established by property P10 falls within. Temporal information associated with an E4 Period is detailed using an E52 Time Span and related via P4 has time span. The specific temporal data is represented through property P82 at some time within linking instances of E61 Primitive Time.

The ancient place where the epigraphic object was found is represented as an instance of E53 Place and related to E7 Activity via property P7 took place at. At the same time, this instance is related with another instance of E53 that denotes the roman province within which the ancient finding spot was located. E53 Place covers space extensions from a physical point of view and no relation with temporal information.

The current location of the epigraphic object is indicated by instances of E53 Place. CIDOC-CRM has a way of dealing with references to places that is: start from a “small” location element and create a chain by linking to a broader element that contains the first one using property P89 falls within. Thus, in our case, instances of E53 Place represent the different levels of location of the object, covering, from the narrowest to the broadest, collection, repository (museum), settlement, region and country, all of them, linked in that order by P89 falls within.

If an institution or person is known for being the current keeper of the monument, this is recorded by an instance of E39 Actor or its derived class E21 Person respectively, and then related to the monument via P50 has current keeper.

The action of finding the object is illustrated by an instance of E7 Activity, involving information about the year of finding represented using instances of E52 Time Span related via property P4 has time span, and instances of E61 Time Primitive related to E52 via property P82 at some time within. The place of finding is presented in a similar way to the location, through instances of E53 Place related to E7 via property P7 took place at. In this case, the chain is built for the elements modern find spot, modern province, modern region and modern country.
Figure 3 Sub-model for physical objects
Sub-model for documental objects

Immaterial EAGLE entities are represented by instances of E73 Information Object and its subclasses. Properties P67 refers to and P129 is about work as links between E73 Information Object and any other referenced CRM entity.

Images, including photographs, graphics and drawings, are represented by the subclass of E73 E38 Image and related to E22 Man-Made Object using P138 represents. Inscriptions are represented by instances of E34 Inscription and related to E84 Information Carrier via P128 carries. E34 Inscription is a specialization of the broader class E33 Linguistic Object, another subclass of E73. E33 Linguistic Object is used to represent translations, which are related to E84 Information Carrier using property P128 carries. Any other representation of monument objects, such as videos and 3D models, is expressed in the model using E73 Information Object.

Identification works similar for every documental object. Identifiers consist on entities of type E42 Identifier linked to their corresponding objects via property P1 is identified by and its subproperty P48 has preferred identifier.

Three different types of identifiers can be assigned to inscription objects. Trismegistos provides a de-duplication service for minting stable unique identifiers to epigraphic documents (Trismegistos numbers). These numbers are used as identifiers for inscriptions in EAGLE with the purpose of disambiguation and are represented by instances of E42 Identifier and related to E34 using property P48 has preferred identifier. The second type of identifier for inscriptions is that assigned by the institution responsible for the record and is represented as well by E42 Identifier and related to E34 using property P1 is identified by. The last third identifier for inscriptions consists on the URI corresponding for this resource within the content provider repository and again is represented by E42 Identifier and related via P1 is identified by. The distinction is made by linking each identifier to an instance of E55 Type, e.g. the URI identifier is of type IDENTIFIER/URI.

The title used to help identify inscriptions is specified by an instance of E35 Title and related via property P102 has title. Types of inscriptions are represented using instances of E55 Type and related via property P2 has type. An instance of E62 String containing the transcribed text is attached to E34 Inscription using property P3 has note.

Bibliographical references, critical apparatus and commentary are modelled using other ontologies such as Linked Ancient World Data, Dublin Core and Open Annotation Collaboration.

The language for both, inscriptions and translations, is specified by instances of E56 Language and connected to instances of E34 Inscription and E73 Information Object respectively, via property P72 has language.

Intellectual Property Rights information associated to transcriptions, translations and visual representations is denoted by instances of E30 Right and linked to the respective document by property P104 is subject to. The type of license is specified by instances of E55 Type and related through property P2 has type. Class E39 Actor is designed to model any individual or group of individuals that can be accountable for an action. This class is used here to describe the right holders for each document.

The following picture summarizes the submodel described in this section:
Figure 4 Sub-model for documental objects
2.3 EXPRESSING THE CONCEPTUAL SCHEMA

This section describes a set of elements which aims to express the information that all content providers must submit the aggregator in order to make it available in the EAGLE portal and Europeana. A preliminary step was done by requesting each EAGLE partner to facilitate insights about the structure and semantics of their databases. The complete set of data elements was defined based on this survey.

2.3.1 Survey among the Content Providers

The first step in the creation of the common set of data elements was made by requesting the help of the content providers and asking for additional information. A survey was launched at the beginning of the project by Work package WP3 within the Task 3.3 (the release of Deliverable 3.2 is foreseen at Month 12 of the project, March 2014), in order to have a first update of the information declared by the Content Providers in the Description of Work and to confirm the content to be provided to Europeana. In this occasion, further information was asked. In particular, for the aims of the Task 3.1, it was requested to the Content Providers to provide the metadata schemas used in their archives and to provide an example of each one. The information and documentation gathered through the Survey was put at disposal of the WP3 and WP4 Leaders. After this phase, WP3 requested a complete description of the metadata model the Content Providers were using at the time, including what is mandatory, what has multiple values, the detail on the types and vocabularies, etc. The reason is that this information cannot be easily acquired completely by inspecting the user interfaces of partner’s portals. This information was only requested for those repositories that have an underlying database. The rest of the repositories are expected to be integrated first in one of the former, thus they will comply with the model of others for which the information was collected.

Annex I of this deliverable shows the template tables that were used in the survey in order to gather the necessary information.

The instructions for completing this template were as follows:

1. List the metadata categories used to describe inscriptions, photos, Literature, etc., along with the elements corresponding to each category. For example, in Hispania Epigraphica this corresponds to the main “forms” grouping the metadata in the user interface of the portal.

2. For each metadata element, create a table specifying Data type, Format, Mandatoriness, Cardinality, Description and Examples.

3. For each element that uses values from a controlled vocabulary, create a table specifying in which elements this vocabulary is used (Used in), Examples, Description, a reference to a table or excel document containing the allowed values (Allowed values), Languages available and if it is available via web.

4. For each vocabulary create a table (or excel document) listing the vocabulary items in every available language and any other information about the vocabulary.

2.3.2 Common data elements

In the following sections we describe in a concise form all the data elements that have been defined following the survey. Whenever possible, each element is expressed in both an RDF encoding of the CIDOC-CRM ontology and in EpiDoc. Annex 3 contains the detailed description of each element in both formalisms, together with examples.

Several namespaces have been used in the RDF encoding:
As stated in the CIDOC CRM RDFS schema (http://www.cidoc-crm.org/rdfs/cidoc_crm_v5.0.4_official_release.rdfs), because RDF does not support properties of properties we can create our own EAGLE subproperties for CRM properties that have a type property such as "P3 has note" like this:

```
<rdf:Property rdf:about="P3_parts_description">
  <rdfs:domain rdf:resource="E1_CRM_Entity"/>  
  <rdfs:range rdf:resource="http://www.w3.org/2000/01/rdf-schema"/>  
  <rdfs:subPropertyOf rdf:resource="P3_has_note"/>
</rdf:Property>
```

In the following sections we will be introducing custom EAGLE properties to the CRM model in order to represent the relations between some elements. The name of those properties will start with the letter “P” followed by “EGL” for EAGLE and a text identifying the meaning of the property.
Also, primitive values "E60 Number", "E61 Time Primitive" and "E62 String" are represented as rdf literals.

The metadata elements have been grouped into different categories corresponding to the different EAGLE objects: Metadata, Inscription, Epigraphical Field, Monument, Translation, and Visual Representation (Image, 3D Model and Video). This metadata structure and codification is based in the EAGLE CIDOC CRM model which covers every aspect of the information that needs to be represented and is perfectly coupled with the rest of the conceptual models.

At the same time, EpiDoc is a community work that aims to create recommendations and tools that can be used in the encoding of epigraphic documents. The guidelines\(^{11}\) have reached a high quality standard thanks to the active collaboration of the community and the execution of several pilot projects. In this case, for those elements that falls within the scope of EpiDoc, its corresponding codification is presented, taking advantage on the fact that these guidelines are domain-specific and tailored to the needs of text encoding.

### 2.3.3 Metadata information

These elements are available for every EAGLE exported object into RDF (CIDOC CRM and other schemas), EpiDoc or any other format. The exported documents are of several natures, including inscriptions, monuments, visual representations, and compositions between them. In RDF these elements are encoded using Dublin Core.

**Metadata author (not mandatory, cardinality: 1)**

This element identifies the author of this metadata document.

It is represented by `dc:creator`

It corresponds in EpiDoc to `/TEI/teiHeader/revisionDesc/change/@who`.

**Provider of metadata (mandatory, cardinality: 1)**

It contains a text that identifies the content provider responsible for the metadata record.

It is represented by `dc:publisher`

It corresponds in TEI/EpiDoc to `/TEI/teiHeader/fileDesc/publicationStmt/authority`

**Language of metadata (mandatory, cardinality: 1)**

It contains the code for the language by the content provider for exporting this record.

It is represented by `dc:language`. Language tags are those recommended by BCP 47\(^{12}\).

**Metadata rights (not mandatory, cardinality: 1)**

This element displays the type of licence under which the metadata is provided. The value of this element is fixed to Creative Commons CC0 1.0 Universal Public Domain Dedication licence \(^{13}\).

---


\(^{12}\) See [http://www.rfc-editor.org/rfc/bcp/bcp47.txt](http://www.rfc-editor.org/rfc/bcp/bcp47.txt)

\(^{13}\) See [http://creativecommons.org/publicdomain/zero/1.0/](http://creativecommons.org/publicdomain/zero/1.0/)
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

It is represented by `dc:license`
It corresponds in EpiDoc to
/TEI/teiHeader/fileDesc/publicationStmt/availability/licence

**Metadata modification date (not mandatory, cardinality: 1)**
It contains the date of modification of this metadata document.
It is represented by `dc: date`
It corresponds in EpiDoc to /TEI/teiHeader/revisionDesc/change/@when

### 2.3.4 Metadata elements for the Inscription objects

This set of metadata elements corresponds to the inscription as immaterial objects that may be carried by a monument object.

Inscriptions are represented by `E34 Inscription` and related to `E84 Information Carrier` via `P128i is carried by`. `E84 Information Carrier` represents here the epigraphical field where the inscription is found.

Possible translations of this inscription’s text are represented by instances of `E33 Linguistic Object` and related to `E34 Inscription` via property `P73 has translation`.

Visual representations of inscriptions are represented by `E73 Information Object` and `E38 Image`, and related to the inscription via properties `P138i has representation` and `P67 refers to` respectively.

**Object identification within the content provider repository (mandatory, cardinality: 1)**
It contains the identifier of the object being described within the content provider repository.
It is represented by `E42 Identifier` and related via `P1 is identified by`
It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/publicationStmt/idno

**Object URI within the content provider repository (mandatory, cardinality: 1)**
It contains the URI that points to the inscription document within the provider database.
It is represented by `E42 Identifier` and related via `P1 is identified by`
It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/publicationStmt/idno

**Trismegistos number (not mandatory but recommended, cardinality: 1)**
It contains the Trismegistos identifier (TM_no or TM_id) associated to the Trismegistos document that represents the same epigraphic object being described.
It is represented by `E42 Identifier` and related via `P48 has preferred identifier`
It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/publicationStmt/idno
**Object Title (mandatory, cardinality: 1)**

It contains a text to help identify the object. It can consist of a single field or the composition of several fields.

It is represented by \textit{E35 Title} and related to \textit{E34 Inscription} via \textit{P102 has title}

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/titleStmt/title

**Type of inscription (not mandatory, cardinality: 1)**

It contains a vocabulary element that indicates the type of text inscribed on the monument.

It is represented by \textit{E55 Type} related to \textit{E34 Inscription} via \textit{P2 has type}

It corresponds in TEI/EpiDoc to /TEI/teiHeader/profileDesc/textClass/keywords/term

This will be specified using a \textit{<term>} element within a \textit{<keywords>} element. The \textit{<term>} element will use a \textit{@ref} attribute to indicate the EAGLE vocabulary value corresponding to this particular type of inscription. All of this will be enclosed into a \textit{<textClass>} element in the \textit{profileDesc} section of the document.

**Transcription text (mandatory, cardinality: 1)**

This element contains the text inscribed on the epigraphical field of the monument if any.

It is represented by \textit{E62 String} and related to \textit{E34 Inscription} via \textit{P3 has note}

**Transcription language (mandatory, cardinality: 1)**

This element contains the language in which the inscribed text is written. Language tags are those recommended by BCP 47.

It is represented by \textit{E56 Language} and related to \textit{E34 Inscription} via \textit{P72 has language}

**Names mentioned (not mandatory, cardinality: *)**

This element makes reference to names of real or mythological figures mentioned in the inscription text.

It is represented by \textit{E82 Actor Appellation}, contained within \textit{E21 Person} which is related to \textit{E34 Inscription} using \textit{P67 refers to}

**Locations mentioned (not mandatory, cardinality: 1)**

It contains names of places mentioned in the inscription.

It is represented by \textit{E44 Place Appellation}, contained within \textit{E53 Place} which is related to \textit{E34 Inscription} using \textit{P67 refers to}

**Bibliography (not mandatory, cardinality: *)**

Bibliography references are represented by \textit{dcterms:BibliographicResource} and related to \textit{E34 Inscription} via \textit{dcterms:references}. Within the class \textit{dcterms:BibliographicResource}, the property \textit{cito:citesAsSourceDocument} can be used with a value consisting on a URI pointing to an entry located on an online bibliography repository if any is available.

It is represented by \textit{dcterms:BibliographicResource} related to the transcription document via \textit{dcterms:references}
It corresponds in TEI/EpiDoc to `/TEI/text/body/div/head/TEI/text/body/div/p`

**Honorand (not mandatory, cardinality: *)**

It contains information that identifies the person to whom the inscription was dedicated.

It is represented by `E21 Person` and related via `P129 is about`.

**Political-Social status of honorand (not mandatory, cardinality: *)**

It consists on information about the political-social status of honorands.

It is represented by `E55 Type` and related to the instance of `E21 Person` representing the honorand via `P2 has type`.

**Critical Apparatus (not mandatory, cardinality: *)**

It should be noted that critical apparatus, erasures, spelling errors variations, editorial additions, and other comments regarding the text of the inscription are represented using the Linked Ancient World Data\(^{14}\) (LAWD) ontology and the Open Annotation Collaboration ontology\(^{15}\). In general, these elements are described by creating first an annotation element that specifies in its "target", the fragment of the text to which the annotation refers, and in its "body" the details about the comment itself, wrapped in a `lawd:CollationItem` element.

Critical apparatus contains one or more interpretation variants of the text.

It is represented by `oa:Annotation` in relation with `lawd:CollationItem` and `lawd:Siglum` and related to the inscription object (`E34 Inscription`) via `oa:hasTarget` and `oa:hasSource`.

It corresponds in TEI/EpiDoc to `/TEI/text/body/div/head/TEI/text/body/div/p`

If it’s required, each apparatus entry can be further encoded using the TEI elements `app`, `lem` and `rdg`.

**Erasures (not mandatory, cardinality: *)**

It specifies whether the text of the inscription was damaged on purpose.

Similar to critical apparatus, this element is represented by `oa:Annotation` in relation with `lawd:CollationItem` and related to the inscription object (`E34 Inscription`) via `oa:hasTarget` and `oa:hasSource`.

**Spelling errors variations (not mandatory, cardinality: *)**

It shows if there are any spelling mistakes on the text of the inscription.

Similar to critical apparatus, this element is represented by `oa:Annotation` in relation with `lawd:CollationItem` and related to the inscription object (`E34 Inscription`) via `oa:hasTarget` and `oa:hasSource`.

---

\(^{14}\) See [https://github.com/lawdi/LAWD](https://github.com/lawdi/LAWD)

\(^{15}\) See [http://www.openannotation.org/spec/core/](http://www.openannotation.org/spec/core/)
Editorial additions (not mandatory, cardinality: 1)
This element contains information regarding the restoration of the letters/phrases that are missing from the text of the inscription and the names of the scholars who did the addenda.

Similar to critical apparatus, this element is represented by oa:Annotation in relation with lawd:CollationItem and related to the inscription object (E34 Inscription) via oa:hasTarget and oa:hasSource.

Commentary (not mandatory, cardinality: *)
It registers other commentaries by different authors about the text of the inscription.

Similar to critical apparatus, this element is represented by oa:Annotation in relation with lawd:CollationItem and related to the inscription object (E34 Inscription) via oa:hasTarget and oa:hasSource.

2.3.5 Metadata elements for Epigraphical field objects
The epigraphical field is the part of the monument where the inscription is written and may have its own physical features such as dimensions and metre. It is represented by E84 Information Carrier and it is related from the inscription object (E34 Inscription) using property P128i is carried by.

Any image representing this object is related via property P138i has representation. Other visual representations such as videos and 3D models are related via P129i is subject of.

The fact that an epigraphical field forms part of a wider object (the monument object represented by E22 Man-Made Object) is represented by the property P46i forms part of.

Metre (not mandatory, cardinality: 1)
It contains a text that indicates whether the text of the inscription is metrical and possibly the type of metric.

It is represented by E55 Type and related using the EAGLE custom property PEGL has metre which is defined as follow:

```
<rdf:Property rdf:ID="PEGL_has_metre">
  <rdfs:domain rdf:resource="E34_Inscription"/>
  <rdfs:range rdf:resource="E55_Type"/>
  <rdfs:subPropertyOf rdf:resource="P2_has_type"/>
</rdf:Property>
```

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layoutDesc/layou

Height of Epigraphical Field (not mandatory, cardinality: 1)
It contains the dimensions (in centimetres) of the epigraphic field.

It is represented by an instance of E54 Dimension and related to E84 Information Carrier via P43 has dimension

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layoutDesc/layou
t/dimensions/hight
Width of Epigraphical Field (not mandatory, cardinality: 1)

It contains the dimensions (in centimetres) of the epigraphic field.

It is represented by an instance of E54 Dimension and related to E34 Inscription via P43 has dimension

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width

Paleographic Characteristics (not mandatory, cardinality: 1)

This element describes different aspects of the text that help in the reading, interpretation and cultural contextualization of the inscription.

It is represented by rdf:literal and related using the EAGLE custom property PEGL has paleographic notes which is defined as follow:

```xml
<rdf:Property rdf:ID="PEGL_has_paleographic_notes">  
  <rdfs:domain rdf:resource="E84_Information_Carrier"/>  
  <rdfs:range rdf:resource="http://www.w3.org/2000/01/rdf-schema#Literal"/>  
  <rdfs:subPropertyOf rdf:resource="P3_has_note"/> 
</rdf:Property>
```

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote

The Paleographic Characteristics are encoded as a free text in the handNote element.

Letter size (not mandatory, cardinality: 1)

Letter size specifies the size of the letters in the text of the inscription.

It is represented by E54 Dimension related to E84 Information Carrier via P43 has dimension. Some extensions to the CRM model created for the ResearchSpace 16 Project by Seme4 Ltd are used here to encode minimum and maximum size of letters.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height

This element is recorded using the height element within a handNote element.

Dating (not mandatory, cardinality: 1)

The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. The production event will contain data representing dating, chronology, dating arguments, engraving technique, author of the inscription, dedicator, and event of the inscription.

---

For dating, two options are possible: single dates and date ranges. Both represented by E52 Time Span and related to E12 Production via P4 has time-span. For date ranges we also use CRM time extension 1.0. Encoded in RDFS.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate@notBefore-custom
and
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate@notAfter-custom

Dates will be encoded as date ranges using @notBefore-custom and @notAfter-custom attributes with format "YYYY-MM-DD". If we need to encode a single date, then the same value will be used in both attributes. If only the year needs to be stored, use always the four digit format (e.g. 0363) and for BC dates use "-" preceding the number (e.g. -0082).

**Chronology (not mandatory, cardinality: 1)**

It consists on reference to an EAGLE vocabulary element specifying the historical period within which the date of creation of the epigraphical field can be situated.

It is represented by E4 Period and related to E12 Production via P10 falls within.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/@period

**Dating Arguments (not mandatory, cardinality: 1)**

This element contains valuable information that may help in determining the date of creation of the inscription.

It is represented by E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/@evidence

**Engraving technique (not mandatory, cardinality: *)**

It contains an EAGLE vocabulary element that indicates the writing technique employed for this inscription.

It is represented by E55 Type related to E12 Production via P32 used general technique.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layoutDesc/layout

**Author of inscription (not mandatory, cardinality: 1)**

It contains information documenting the author of the inscription such as name of the artist or name of the artistic/artisan school.

It is represented by E21 Person and related to E12 Production via P14 carried out by.

---

17 See [http://www.cidoc-crm.org/rdfs/CRMtime_spans_v1.0.rdfs](http://www.cidoc-crm.org/rdfs/CRMtime_spans_v1.0.rdfs)
Dedicator (not mandatory, cardinality: 1)
It contains information about the person who devotes the inscription.
It is represented by $E21$ Person and related to $E12$ Production via $P14$ carried out by.

Event of Inscription (not mandatory, cardinality: 1)
It contains a description about the event related to the purpose of the inscription.
It is represented by $E7$ Activity and related to $E12$ Production via $P17$ was motivated by.

Restoration (not mandatory, cardinality: 1)
It contains information regarding whether the inscription has been restored and when.
It is represented by $E11$ Modification and related to $E84$ Information Carrier via $P31i$ was modified by.

Comments (not mandatory, cardinality: 1)
It contains general commentary the epigraphical field of the inscription.
It is represented by an $rdf$:$literal$ and related to $E84$ Information Carrier via $P3$ has note.

2.3.6 Metadata elements for Monument objects
Monuments may have zero or more epigraphical fields on it, each one containing an inscription. As explained before for epigraphical fields, images representing monuments are related via property $P138i$ has representation. Other visual representations such as videos and 3D models are related via $P129i$ is subject of.

Monument type (mandatory, cardinality: *)
It contains a reference to an element of an EAGLE hierarchical vocabulary for Type of Monuments.
It is represented by $E55$ Type and related to $E22$ Man-Made Object via $P2$ has type
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType

Material (mandatory, cardinality: *)
One or more EAGLE vocabulary elements specifying the materials of which the object is composed.
It is represented by $E57$ Material and related to $E22$ Man-Made Object via $P45$ consist of
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material

Description (not mandatory but strongly recommended, cardinality: 1)
It contains one paragraph describing the object.
It is represented by $rdf$:$literal$ and related to $E22$ Man-Made Object via $P3$ has note
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p

Monument height (not mandatory but recommended, cardinality: 1)
It contains the height of the monument in centimetres.
It is represented by E54 Dimension and related to E22 Man-Made Object via P43 has dimension
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height

Monument width (not mandatory but recommended, cardinality: 1)
It contains the width of the monument in centimetres.
It is represented by E54 Dimension and related to E22 Man-Made Object via P43 has dimension
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width

Monument depth (not mandatory but recommended, cardinality: 1)
It contains the depth of the monument in centimetres.
It is represented by E54 Dimension and related to E22 Man-Made Object via P43 has dimension
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth

Decoration (not mandatory, cardinality: *)
This field contains a word or phrase describing the decoration of the object being described. An EAGLE vocabulary will be used although free text will be allowed too.
It is represented by E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration which is defined as follow:

```xml
<rdf:Property rdf:ID="PEGL_has-decoration">
    <rdfs:domain rdf:resource="E1_CRM_Entity"/>
    <rdfs:range rdf:resource="E55_Type"/>
    <rdfs:subPropertyOf rdf:resource="P2_has_type"/>
</rdf:Property>
```
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/rs

State of preservation (not mandatory, cardinality: 1)
This field contains a word or phrase describing the status of preservation of the object being described. A small EAGLE vocabulary can be used. Free text will be allowed as well.
It is represented by \textit{E3 Condition State} related to \textit{E22 Man-Made Object} via \textit{P44 has condition}.

It corresponds in TEI/EpiDoc to

\texttt{/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs}

**Ancient find spot (not mandatory, cardinality: 1)**

The event of finding the object is modelled here using \textit{E7 Activity} related to \textit{E22 Man-Made Object} via property \textit{P16i was used for}.

The element ancient find spot consists of the name of the ancient find spot where the monument was found. A Trismegistos reference to the Trismegistos Geo ID (TM\_geoID) that corresponds to this toponym is also registered when possible.

First, an instance of \textit{E53 Place} is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property \textit{P89 falls within}. The name of the ancient find spot is then recorded by an instance of \textit{E44 Place Appellation} and related to \textit{E53 Place} via \textit{P87 is identified by}. The Trismegistos Geo ID is recorded using an instance of \textit{E42 Identifier} and related to \textit{E53 Place} via \textit{P48 has preferred identifier}.

It corresponds in TEI/EpiDoc to

\texttt{/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName} and
\texttt{/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName/@ref}

**Roman Province / Italic Region (not mandatory, cardinality: 1)**

It consists of the name of the roman province or italic region where that contains the place where the monument was found. A Trismegistos reference to the Trismegistos Geo ID (TM\_geoID) that corresponds to this toponym is also registered when possible.

First an instance of \textit{E53 Place} is created to represent the roman province or italic region and related to another instance of the same class that represents the ancient finding place through property \textit{P89 falls within}. The name of the roman province or italic region is then recorded by an instance of \textit{E44 Place Appellation} and related to \textit{E53 Place} via \textit{P87 is identified by}. The Trismegistos Geo ID is recorded using an instance of \textit{E42 Identifier} and related to \textit{E53 Place} via \textit{P48 has preferred identifier}.

It corresponds in TEI/EpiDoc to

\texttt{/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName} and
\texttt{/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName/@ref}
Modern find spot (not mandatory, cardinality: 1)

It consists of the name of the modern place that contains the place where the monument was found. A reference to the Geonames\(^{20}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the modern finding spot and related to another instance of the same class that represents the exact location where the object was found via property \(P89\) falls within. The name of the roman province or italic region is then recorded by an instance of \(E44\) Place Appellation and related to \(E53\) Place via \(P87\) is identified by. The Geonames ID is recorded using an instance of \(E42\) Identifier and related to \(E53\) Place via \(P48\) has preferred identifier.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

Modern province (not mandatory, cardinality: 1)

It consists of the name of the modern province that contains the place where the monument was found. A reference to the Geonames\(^{21}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the modern province and related to another instance of the same class that represents the modern finding spot via property \(P89\) falls within. The name of the modern province is then recorded by an instance of \(E44\) Place Appellation and related to \(E53\) Place via \(P87\) is identified by. The Geonames ID is recorded using an instance of \(E42\) Identifier and related to \(E53\) Place via \(P48\) has preferred identifier.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

Modern region (not mandatory, cardinality: 1)

It consists of the name of the modern region that contains the place where the monument was found. A reference to the Geonames\(^{22}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the modern region and related to another instance of the same class that represents the modern province via property \(P89\) falls within. The name of the modern region is then recorded by an instance of \(E44\) Place Appellation and related to \(E53\) Place via \(P87\) is identified by. The Geonames ID is recorded using an instance of \(E42\) Identifier and related to \(E53\) Place via \(P48\) has preferred identifier.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

\(^{20}\) Online Geographical Database, for more information see http://www.geonames.org/

\(^{21}\) Online Geographical Database, for more information see http://www.geonames.org/

\(^{22}\) Online Geographical Database, for more information see http://www.geonames.org/
Modern Country (not mandatory, cardinality: 1)

It consists of the name of the modern country that contains the place where the monument was found. A reference to the Geonames\(^{23}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the modern country and related to another instance of the same class that represents the modern region via property \(P89\) falls within. The name of the modern country is then recorded by an instance of \(E44\) Place Appellation and related to \(E53\) Place via \(P87\) is identified by. The Geonames ID is recorded using an instance of \(E42\) Identifier and related to \(E53\) Place via \(P48\) has preferred identifier.

It corresponds in TEI/EpiDoc to

\[
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName
\]

Year of finding (not mandatory, cardinality: 1)

It consists of a value representing the year of finding of the monument.

It is represented by \(E52\) Time-Span and related to the \(E7\) Activity representing the finding event via property \(P4\) has time-span.

It corresponds in TEI/EpiDoc to

\[
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when
\]

Place of Conservation (not mandatory, cardinality: *)

It consists of the name of the current place where the monument is kept for conservation. A reference to the Geonames\(^{25}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the place of conservation and related to the monument object (\(E22\) Man-Made Object) via property \(P55\) has current location. The name of the place of conservation is then recorded by an instance of \(E44\) Place Appellation and related to \(E53\) Place via \(P87\) is identified by. The Geonames ID is recorded using an instance of \(E42\) Identifier and related to \(E53\) Place via \(P48\) has preferred identifier.

It corresponds in TEI/EpiDoc to

\[
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement
\]

Region of conservation (not mandatory, cardinality: *)

It consists of the name of the current region where the monument is kept for conservation. A reference to the Geonames\(^{26}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the region of conservation and related to the instance of the same class that represents the place of conservation via property \(P89\) falls within. The name of the region of conservation is then recorded by an instance of \(E44\) Place Appellation

\[\text{\^{}}\]

\(^{23}\text{Online Geographical Database, for more information see http://www.geonames.org/}\)

\(^{25}\text{Online Geographical Database, for more information see http://www.geonames.org/}\)

\(^{26}\text{Online Geographical Database, for more information see http://www.geonames.org/}\)
and related to $E53$ Place via $P87$ is identified by. The Geonames ID is recorded using an instance of $E42$ Identifier and related to $E53$ Place via $P48$ has preferred identifier.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/region/placename

Country of conservation (not mandatory, cardinality: *)

It consists of the name of the current country where the monument is kept for conservation. A reference to the Geonames identifier corresponding to this toponym is also registered when possible.

First an instance of $E53$ Place is created to represent the country of conservation and related to the instance of the same class that represents the region of conservation via property $P89$ falls within. The name of the country of conservation is then recorded by an instance of $E44$ Place Appellation and related to $E53$ Place via $P87$ is identified by. The Geonames ID is recorded using an instance of $E42$ Identifier and related to $E53$ Place via $P48$ has preferred identifier.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placename

Museum (not mandatory, cardinality: 1)

It contains a reference to the Trismegistos Collection ID that identifies the repository where the object is stored.

It is represented by $E39$ Actor related to $E22$ Man-Made Object via $P50$ has current keeper.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository

Position (not mandatory, cardinality: 1)

It contains a value representing the position of the monument within the museum or institution where is kept for conservation.

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection

Inventory Number (not mandatory, cardinality: 1)

It contains an identifier number assigned to the monument object by the institution that keeps it.

It is represented by $E42$ Identifier related to $E22$ Man-Made Object via $P1$ is identified by.

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno

2.3.7 Metadata elements for Translation objects

Translations are represented by instances of $E33$ Linguistic Object and linked from $E34$ Inscription via property $P73$ has translation.

---

27 Online Geographical Database, for more information see [http://www.geonames.org/](http://www.geonames.org/)
Translation text (not mandatory, cardinality: 1)
This element contains the translation of the text of the inscription into some language.
It is represented by rdf:literal and related to E33 Linguistic Object via P3 has note
It corresponds in TEI/EpiDoc to /TEI/text/body/div/head/TEI/text/body/div/ab
In this case, the @n attribute will indicate the internal identifier of the translation within the content provider repository.

Translation language (not mandatory, cardinality: 1)
It contains a text indicating the language into which the text of the inscription was translated. Language tags are those recommended by BCP 47.
It is represented by E56 Language and related to E33 Linguistic Object via P72 has language.
It corresponds in TEI/EpiDoc to /TEI/text/body/div/head/TEI/text/body/div/@xml:lang

Translation author (not mandatory, cardinality: *)
This element contains the name of the translator of the text of the inscription. The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.

Translation rights (mandatory, cardinality: 1)
It contains the type of licence assigned to the translated text.
It is represented by E30 Right and related to E33 Linguistic Object via property P104 is subject to.

Publication title (mandatory, cardinality: 1)
If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.

Year of publication (not mandatory, cardinality: 1)
It contains a value that corresponds to the publication year of this translation.
It is represented by E52 Time Span and related to the E7 Activity via P4 has time span.

Place of publication (not mandatory, cardinality: 1)
It shows the publication place of this translation document.
It is represented by E53 Place and related to the E7 Activity via P7 took place at.

Publication author (not mandatory, cardinality: 1)
This element shows the name of the author of the publication that contains this translation.
It is represented by E39 Actor and related to the E7 Activity via P11 had participant.

2.3.8 Common metadata elements for visual representation objects

Visual representations are represented by instances of E73 Information Object and its subclass E38 Image. These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types:

- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

All of them share the following properties:

**Object identification within the content provider repository (mandatory, cardinality: 1)**

It contains the identifier of the object being described within the content provider repository.

It is represented by E42 Identifier and related to E73 Information Object via P1 is identified by.

It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@n.

**Visual representation URL (mandatory, cardinality: 1)**

It contains the URL to the resource file.

It is represented by E42 Identifier and related to E73 Information Object via P1 is identified by.

It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url.

**Visual representation title (mandatory, cardinality: 1)**

It contains a text to help identify this resource.

It is represented by E35 Title and related to E73 Information Object via P102 has title.

**Visual representation type (mandatory, cardinality: 1)**

It shows the type of this resource file (Drawing, Photo, Digitized literature, Computer graphics).

It is represented by E55 Type and related to E73 Information Object via P2 has type.

**Visual representation format (not mandatory, cardinality: 1)**

This element contains a value that indicates the format of this digital resource.

It is represented by E55 Type and related to E73 Information Object via P2 has type.
Visual representation inventory number (not mandatory, cardinality: 1)

It contains an identifier number for the object within the repository.

It is represented by E42 Identifier related to E73 Information Object via P1 is identified by.

Visual representation rights (mandatory, cardinality: 1)

It contains the type of licence assigned to this visual resource.

It is represented by E30 Right and related to E73 Information Object via P104 is subject to.

It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/desc/ref/@target.

Creation date (not mandatory, cardinality: 1)

It contains the date of creation of this visual resource.

The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.

Visual representation author (not mandatory, cardinality: *)

This element contains the name of the creator of this visual resource.

It is represented by an instance of E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by.

It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/desc.

Visual representation description (not mandatory, cardinality: 1)

This element contains a description of this visual resource including its quality, readable, writable, acquisition technology, processing information and other aspects.

It is represented by rdf:literal and related to E73 Information Object via P3 has note.

2.3.9 Metadata elements for Image objects (Photographs, Drawings, Graphics, Orthophotos, etc.)

In particular, images are represented by instances of E38 Image.

This type of object is corresponds in EpiDoc to /TEI/facsimile/graphic/.

As visual representations, images share all the properties of that class and also have the following fields:

Image width (not mandatory, cardinality: 1)

It contains a value indicating the width of the image.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.
Image height (not mandatory, cardinality: 1)

It contains a value indicating the height of the image.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

2.3.10 Metadata elements for 3D model objects

These metadata elements correspond to a special case of Visual representation: 3D models, which are represented by instances of E73 Information Object. These objects refer mainly to monuments and parts of monuments.

As visual representations, 3D models share all the properties of that class and also have the following fields:

3D model height (not mandatory, cardinality: 1)

It contains the value that represents the height of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

3D model length (not mandatory, cardinality: 1)

It contains the value that represents the length of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

3D model width (not mandatory, cardinality: 1)

It contains the value that represents the width of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

3D model area (not mandatory, cardinality: 1)

It contains the value that represents the area of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

3D model perimeter (not mandatory, cardinality: 1)

It contains the value that represents the perimeter of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

3D model volume (not mandatory, cardinality: 1)

It contains the value that represents the volume of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.
2.3.11 Metadata elements for video objects

Video objects are also represented by instances of E73 Information Object.

As visual representations, videos share all the properties of that class and also have the following fields:

**Video width (not mandatory, cardinality: 1)**

It contains a value indicating the horizontal resolution of the video. It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

**Video height (not mandatory, cardinality: 1)**

It contains a value indicating the vertical resolution of the video. It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

**Video duration (not mandatory, cardinality: 1)**

It contains a value indicating the duration of the video. It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

**Video rate (not mandatory, cardinality: 1)**

It contains a value indicating the rate of the video. It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

2.3.12 Description of encoding, profile and revision (EpiDoc specific)

All the elements in this section are the standard EpiDoc elements and do not need any change or addition by the content providers. (See Annex III).
PART III. PRELIMINARY MAPPINGS FOR CONTENT PROVIDERS AND EUROPEANA

3.1 MAPPINGS FOR THE MAIN CONTENT PROVIDERS

The harmonization exercise, leading to the CIDOC CRM and EpiDoc descriptions, and the EAGLE Conceptual Data Model, were developed taking as a starting point the results of the metadata survey mentioned earlier and the new requirements for enrichment and extension of the existing models. It has been therefore easy to do a preliminary exercise in mapping the elements of the two formal representations into the metadata elements of each EAGLE Content Provider. As an example, here below we provide a few rows of the mapping table for Hispania Epigraphica. In Annex IV there is the complete set of mapping tables for the following providers: Epigraphic Database Roma (UNIROMA1), Epigraphic Database Bari (UNIBA), Epigraphische Datenbank Heidelberg (UHEI), Hispania Epigraphica Online (UAH), Ubi Erat Lupa (PLUS), Arachne (DAI), Petrae (AUSONIUS), STARC (CYI).

Since the actual ingestion of the material supplied by Content Providers into EAGLE will be implemented by the EAGLE aggregation infrastructure, these tables will be the basis for the final mapping from the providers’ data sets to the EAGLE Aggregator Metadata Schema (the one used internally by the aggregator in the EAGLE server).

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>HE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td>resp</td>
</tr>
<tr>
<td>Provider of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>Language of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>Metadata rights</td>
<td>TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
<td>fixed value</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------------------------------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>TEI/teiHeader/revisionDesc/change/@when</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
<td>TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td>HEpO1 xxxxx</td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
<td>TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
<td>TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td>TBA</td>
</tr>
<tr>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title</td>
<td>TEI/teiHeader/fileDesc/titleStmt/title</td>
<td>Object Title</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td>TEI/teiHeader/profileDesc/textClass/keywords/term</td>
<td>Inscription Type (additional information)</td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td>/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
<td>Text</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td>/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD</td>
<td>n.a.</td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bibliography</td>
<td></td>
<td>/TEI/text/body/div</td>
<td>Bibliography</td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3.2 MAPPING FOR EUROPEANA

Since the main goal of EAGLE is to provide epigraphic material to Europeana, a similar preliminary exercise was done in order to check the feasibility of the representation and data models developed by EAGLE for what concerns their mapping to EDM, the Europeana Data Model. In the following sections we describe briefly EDM and provide a sample of the mapping. The complete mapping from CIDOC CRM and EpiDoc to EDM is in Annex V.

3.2.1 Background on the EDM

The Europeana Data Model\(^{28}\) (EDM) is Europeana’s solution in the effort of integrating the existing cultural heritage data from a vast amount of European content providers in the fields of libraries, museums, archives and audio-visuals, each one of them operating with their own metadata standard. The model also

---

\(^{28}\) For more information see [http://pro.europeana.eu/edm-documentation](http://pro.europeana.eu/edm-documentation).
tries to take advantage of the cultural heritage resources available today, such as authority lists and thesaurus, in order to avoid duplication of work, by adding meaningful content at a low cost. As a result the content will be enriched by linking to different projects and institutions. Thus, data coming from a certain provider may be enhanced by the content from other providers or rich web sources like DBpedia, creating meaningful relations between items and translating the metadata at the same time.

EDM is the evolution of its predecessor Europeana Semantic Elements (ESE) and the result of a joint work with professionals of different fields, allowing the adoption of valuable community standards such as LIDO for museums, EAD for archives and METS for digital libraries. It uses a semantic web based framework that leads the way for the introduction of Europeana in the semantic web, allowing contributors to access to a wide range of Europe's cultural heritage resources.

EDM encourages independent description for the cultural heritage object and its digital representation, allowing the use of appropriate metadata for each case. The distinction is made by the use of three core classes: edm:ProvidedCHO, edm:WebResource and ore:Aggregation. The edm:ProvidedCHO class is intended for representing cultural heritage objects; the second class, for the description of the possible digital representations of an object and the ore:Aggregation class is the one that states the relation between the first two. Providers are advised by Europeana to attempt to separate their object’s descriptions in order to choose a suitable class for every part.

Another benefit on the use of the EDM is that it incorporates contextual resources, permitting providers with their metadata improved by pointing to controlled vocabularies and thesauri, to represent this kind of resources separated from the main object and take advantage of the richness of this data at the same time. The contextual classes provided by Europeana are edm:Agent, edm:Place, edm:TimeSpan and skos:Concept.

### 3.2.2 Mapping approach

The mapping task has been made trying to carry as many properties as possible from EAGLE to Europeana, paying special attention to those elements that are mandatory in Europeana and the available alternatives. To this end, a further document has been elaborated (see ANNEX VI), describing in more detail the current version of the Europeana Data Model (EDM) and highlighting its mandatory elements.

As an example, here below we give the first few rows of the mapping table from CIDOC CRM and EpiDoc to EDM elements. The complete table is in Annex V. Since the actual ingestion of the epigraphic material into Europeana will be implemented by the EAGLE aggregation infrastructure, this table will be the basis for the final mapping from the EAGLE Aggregator Metadata Schema (the one used internally by the aggregator in the EAGLE server) to the EDM elements.

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>EDM</th>
<th>xpath</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## EAGLE Metadata Model Specification

<table>
<thead>
<tr>
<th>Metadata Element</th>
<th>Description</th>
<th>TEI Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata author</td>
<td>Provider of metadata</td>
<td>edm:dataProvider /TEI/teiHeader/fileDesc/publicationStmt/authority</td>
</tr>
<tr>
<td>Language of metadata</td>
<td>Language of metadata</td>
<td>dc:language /TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
</tr>
<tr>
<td>Metadata rights</td>
<td>Metadata rights</td>
<td>edm:rights /TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
</tr>
<tr>
<td>Inscription</td>
<td>Inscription</td>
<td>E34 Inscription</td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>Object identification</td>
<td>E42 Identifier /TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>Object URI</td>
<td>E42 Identifier edm:isShownAt /TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>Trismegistos number</td>
<td>E42 Identifier owl:sameAs /TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Object Title</td>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title dc:title /TEI/teiHeader/fileDesc/titleStmt/title</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td>dc:type</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td>edm:type (TEXT)</td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td>subject</td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to</td>
<td></td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
<td></td>
</tr>
<tr>
<td>Bibliography</td>
<td></td>
<td>dcterms:isReferencedBy</td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>Spelling errors variations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td></td>
<td>/TEI/text/body/div/p</td>
</tr>
</tbody>
</table>

EAGLE
Deliverable 3.1.2
EAGLE metadata model specification
PART IV. METADATA AGGREGATION IN EAGLE

4.1 REQUIREMENTS AND SOLUTION

The analysis effort that has led to the definition of the CIDOC CRM conceptual model and the TEI/EpiDoc schema perfectly captures in a coherent way the heterogeneous information about inscriptions and contextual material provided by the Content Providers.

Starting from that and from the EAGLE portal use cases described in Deliverable 5.1, the further step taken has been the definition of the EAGLE Aggregator Conceptual Model (EACM) described below, having in mind the following points:

a) focus on a set of main entities as small as possible for what concerns the requirements of the EAGLE portal, identifying a smaller and simper subset of the CIDOC-CRM conceptual model;

b) at the same time, make sure not to loose any information about all the different facets of epigraphy-related data that will be aggregated in the EAGLE portal;

c) define the resulting metadata format as simple as possible in order to simplify queries and make them easy to write and to understand.

The resulting EAGLE Aggregator Conceptual Model showed in Figure 5 is the starting point for the definition of the EAGLE Aggregator Metadata Schema (EAMS) that will be described later in Section 4.3.

In the design process we also took into account the fact that Trismegistos Cards metadata will be collected by the EAGLE aggregator for disambiguation purposes (further described in Section 4.2)

The EAGLE Aggregator Conceptual Model here presented provides a different simplified view of the CIDOC-CRM model described in Part II. In particular, there is a one-to-one correspondence between the EAGLE Aggregator Conceptual Model and the proposed CIDOC-CRM for the following main entities:

- **Artifact** instances jointly represent **E22 Man-Made Object** and **E84 Information Carrier** in CIDOC-CRM;

Figure 5 EAGLE Aggregator Conceptual Model (EACM)
Inscription instances represent \textit{E34 Inscription} in CIDOC-CRM;

Trismegistos card, Visual representation, Transcription and Translation instances represent different materializations of \textit{E73 Information Object}, \textit{E33 Linguistic Object} and \textit{E38 Image} in CIDOC-CRM.

Other entities and relationships being identified within the CIDOC-CRM model, which are apparently missing in the diagram above, consist in structured properties of the EAGLE Aggregator Conceptual Model’s main entities, as described in the next Section.

### 4.2 EAGLE AGGREGATOR CONCEPTUAL MODEL (EACM)

Very simply, the EACM consists of a root entity (the EAGLE Object) from which five sub-entities can be derived, each one capturing some of the properties that have been identified thanks to the EpiDoc and CIDOC identification efforts, so that in the end all the information needed by the EAGLE Aggregator will be collected into the sub-entities.

#### 4.2.1 EAGLE Object

The root entity in EACM is called EAGLE Object and it is the base class for all the other derived entities in the EAGLE domain. Everything modelled in EAGLE is an extension of a generic EAGLE Object implementing one of its subentities. The subentities are:

- Trismegistos card
- Artifact
- Inscription
- Visual representation
- Documental manifestation

All the information coming into the EAGLE aggregation system has to find its place into one or multiple instances of the subentities mentioned above.

The five subentities share several common properties, which are listed below (please note that many of the following definitions have already been defined both in EpiDoc and CIDOC-CRM):

- **Resource identifier**: an ID identifying the object univocally within the EAGLE aggregation system;
- **Provenance information**: this structured property provides information about the Content Provider providing metadata:
  - Content Provider name;
  - Content Provider URI;
  - Content Provider acronym;
  - Local identifier of the resource (i.e. local resource ID at the Content Provider).
- **Metadata editing information**: this structured property captures information (if available) about the last modification of metadata content and its author/curator;
- **Metadata intellectual property rights statement (IPR)**: information about the copyright status of the resource;
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

- **Title**: title of the resource (if available);
- **Description**: short description of the resource (if available);
- **EAGLE object type**: a string specifying which subclass of the EAGLE Object the resource belongs to.

**Trismegistos Card (subclass of EAGLE object)**

Trismegistos cards, provided by the Louvain-Trismegistos EAGLE partner, consist of a TM identifier (a.k.a. TM number or TMid) and a set of properties describing generic features of an inscription. The same TM number can be associated to different editions (instances) of the same inscription, belonging to different Content Providers. To ensure the provision of correct de-duplicated results for the search capabilities provided by the EAGLE portal, it is vital to have in the Trismegistos Card (for each TM number) full details about the provenance of the different instances of an inscription, including both the owning Content Provider object id locally valid at the Content Provider.

Trismegistos Cards therefore consist in:

- A TM number, which is the unique identifier assigned by the Louvain-Trismegistos team to each inscription being analyzed;
- One or more properties derived from the Trismegistos data model (details yet to be defined jointly with the Louvain-Trismegistos partner);
- One or more relationships to related instances of the same inscription (each one with provenance information).

**Artifact (subclass of EAGLE object)**

The Artifact object captures the physical nature of a resource within the EAGLE domain.

From the analysis of properties identified in EpiDoc, the following are related to the artifact:

- **Monument Type**: typology of the artifact (e.g. statue, tablet, etc.);
- **Material**: material of which the object is made of;
- **Dimensions**: structured property describing the dimensional features (height, width, depth with unit of measure) of the artifact;
- **Decoration**: describes the decoration present on the artifact;
- **Status of preservation**: describes the physical status of the artifact;
- **Dating**: structured property reporting date ranges, reference period and dating method of the artifact’s origin;
- **Finding spot**: structured property locating the place of finding;
- **Year of finding**: year in which the artifact was found;
- **Place of conservation**: structured property locating the place of conservation (down to position inside a museum).
Finally, the artifact can be related to other entities in the following way:

- One or more relationships to **Visual Representation** instances picturing the item.
- Zero or more relationships to an **Inscription** instance.

The existence of at least one relationship to an inscription makes the artifact also a “support for an inscription” (in epigraphic jargon, the “Information Carrier”).

### Inscription (subclass of EAGLE object)

The Inscription Object is a collection of structured properties describing the textual and semantic nature of the text possibly present on the artifact.

The properties related to Inscriptions are as follows:

- **Inscription type**: label describing the type of the text inscribed on the artifact;
- **Engraving technique**: description of the type of engraving with which the text was inscribed on the artifact;
- **Metre**: value that indicates whether the text of the inscription is metrical or not and possibly the type of metric system used;
- **Field size**: two-dimensional measurement of the inscription canvas (also referred as epigraphic field);
- **Letter size**: two-dimensional measurement of the font size;
- **Paleographic characteristics**: paleographic characteristics of the inscription;
- **Inscription author**: name of the author of the inscription or the name of the artistic/artisan school;
- **Honorands**: structured property stating the person(s) to whom the inscription was dedicated and the political/social role/position of the honorand;
- **Dedicator**: name of the person who devotes the inscription;
- **Person names**: list of names mentioned within the inscription text;
- **Related event**: description about the event related to the purpose of the inscription;
- **Placenames mentioned**: list of placenames mentioned within the text;
- **Information about a possible restoration**: description and date of a possible restoration process;
- **Double-sided nature of the inscription**: states whether another inscription is present on another side of the supporting artifact;
- **Erasures**: list of intentional erasures in the text;
- **Spelling errors**: list of possible misspelled portions of the text.
Due to Inscription’s nature both visual and textual, an Inscription will be in relationship with other objects in the following way:

- Zero or one relationship with a Trismegistos Card instance;
- Zero or one relationship with an Artifact instance;
- Zero or more relationships with Visual Representation instances;
- Zero or more relationships with Documental Manifestation instances.

**Documental Manifestation (subclass of EAGLE object)**

A Documental Manifestation object contains all information related to the “textual nature” of an inscription. It has two subentities: Transcription, which gathers the information related to the text of the inscription itself, and Translation, which gathers all the translations in modern languages of the (interpreted) text of the inscription and which can be provided by a Content Provider or by a MediaWiki dedicated to the EAGLE project. The properties in common of the two subentities are the following:

- **Textual content**: the text;
- **Type of documental manifestation**: a label specifying whether the documental manifestation is a Transcription or a Translation.

**Transcription (subclass of Documental Manifestation)**

A Transcription describes the inscription text in its original (ancient) language. A Transcription is related to one and only one Inscription object. The properties of the Transcription object are the following:

- **Type of transcription**: a transcription can be of three kinds:
  - “Sic est”: the text is reported “as is” from the physical support.
  - Expanded/Interpreted: the transcription resolves the abbreviations typical of the native language (e.g. latin gentilitial names) and optionally reconstructs or interprets missing parts and unclear fragments.
  - Marked up: the transcription text is fully marked up according to some standard (e.g. Leiden Conventions or EpiDoc markup).
- **Critical apparatus**: one or more interpretation variants of the text;
- **Bibliography**: bibliographic references about the inscription;
- **Commentary**: any side commentary about the text.

**Translation (subclass of Documental Manifestation)**

In the EAGLE Document of Work it is foreseen that additional translations of inscriptions into modern languages will be done through a “crowdsourcing” process. For this reason, translations provided by the Content Providers will be stored into MediaWiki (MW) pages dedicated to the EAGLE Project. New translations coming in the future will be stored directly into MW. Media Wiki pages with translations will be
collected directly by the Aggregator, (through a MW public API) and will be stored within the aggregation system as independent resources. In this way, inscriptions can be linked to their available translations.

The properties of the Translation object are the following:

- **Language**: of the translation
- **URL**: additional web documentation to the translation item;
- **Notes**: side commentary to the translation text;
- **Author**: name of the author of the translation;
- **Copyright statement**: Intellectual property rights for the provided translation;
- **Publication title**: publication in which the translation appears;
- **Year**: year of the publication;
- **Publisher author**: the author of the publication;
- **Publication place**: place of the publication.

Finally, it is related in this way to other objects:

- One or more relationships to Inscription instances, of which it is a translation.

**Visual Representation (subclass of EAGLE object)**

Visual Representation Object collects all the material related to the “visual nature” of the epigraph being collected into the aggregation system (inscriptions, buildings, monuments, stones, etc.). A Visual Representation can be relative either to born-digital photo and computer graphics or to digitized drawings and literature; five subentities have been identified:

- Drawing
- Photo
- Digitized literature (scanned text only available as image)
- Computer graphics
- Video

The first three types of Visual Representation can be described by the same set of properties; for Computer Graphics and Videos (solely provided by Cyprus with STARC metadata format) the metadata in the aggregation system has to maintain also properties specific for 3D models and software generated renderings for Computer Graphics and Videos.

A Visual Representation is identified by the following properties:

- **Visual representation typology**: type of the provided visual representation(one out of Drawing, Photo, Digitized literature, Computer graphics, Video);
- **URL**: URL to the resource (i.e. the file containing the digital image);
- **Thumbnail**: URL to the resource thumbnail;
- **Author**: author of the item (if present);
Copyright statement: Intellectual property Rights statement about the visual representation;

Creation date: creation date (if present);

Quality: quality indicator giving a coarse indication of the image definition (if provided);

Format: format of the file (i.e. digital file extension);

3D-related properties: an optional set of structured properties describing a resource of “Computer graphic” typology. Among the identified properties we list the following:

- Acquisition technology;
- Processing information;
- Horizontal resolution;
- Vertical resolution;
- Model dimensions;
- Model area;
- Model perimeter.

Video-related properties:

- Duration;
- Resolution;
- Rate.

A Visual Representation also has the following relationships to other entities:

- Zero or one relationship with the Artifact pictured by the Visual Representation;
- Zero or more relationship with the Inscription pictured by the Visual Representation.
4.3 EAGLE AGGREGATOR METADATA SCHEMA (EAMS)

The EACM is materialized into an XML Schema (.xsd file) describing the format of the entities and properties identified in the model. The preliminary XML schema can be found in "ANNEX VII - XML Schema for the EAGLE Aggregator Conceptual Model", and online at the URL http://goo.gl/CPdxVf.

The EAMS describes one generic Eagle Object (root object) with all its generic properties, its subentities and their specific properties. Only four main subentities out of the five presented in Section 4.2 are materialized as XML objects; in fact the Inscription object has been embedded as an optional element (xsd:choice construct) inside the Artifact entity. This has deemed to be the simplest solution to the fact that every metadata record about an Inscription always comes with metadata about the physical support on top of which the Inscription is placed (i.e. an Artifact). Hence either an Artifact without Inscription exists (i.e. a monument for example, which cannot be considered an information carrier as the information itself is missing) or an Inscription is present (i.e. an artifact carrying information becomes an Information carrier).

Thus, every metadata record collected into the EAGLE aggregation system from one Content Provider will be transformed in one or more instances of an EAGLE Object, further specialized into one of its subentities. One metadata record is therefore transformed into one or more XML files (based on the EAMS) representing the main entities of the EACM.

In the following, we briefly show the diagrams of the main XML entities.

Conventions for symbols used in the pictures are the following:

- represents the XML Schema element called “choice”, which allows only one of the elements contained in the <choice> declaration to be present within the containing element.

- represents the XML Schema element called “sequence”, which specifies that the child elements must appear in a sequence following the cardinalities as indicated.

- represents the XML Schema element called “all”, which indicates that all child elements can appear in any order and that each child element can occur zero or one time.
Figure 6 EAGLE root object
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

Figure 7 Trismegistos card entity details
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

Figure 8 Visual Representation entity details
Figure 9 Artifact entity details
As anticipated, an inscription is a set of structured properties optionally present inside an Artifact entity. The structure of Inscription metadata is reported below.

![Inscription metadata details](image)

*Figure 10 Inscription metadata details*
Transcription and translation entities are designed as follows as subtypes of **documental manifestation** entity.

![Diagram of transcription and translation entities]

*Figure 11 Details of transcription and translation entities*

Custom types mentioned in the graphs were defined according to reuse principle. In particular the type `eagle:stringWithUriType` is used whenever there is a need to reference any external object such as EAGLE vocabularies or TM Geo pages and corresponds to the implementation of CIDOC-CRM “E32 authority document” and property “P70 documents”.
# EAGLE Deliverable 3.1.2
EAGLE metadata model specification

## ANNEX I - EAGLE METADATA SURVEY TEMPLATE

### METADATA CATEGORIES

<table>
<thead>
<tr>
<th>Category</th>
<th>Elements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ELEMENTS

<table>
<thead>
<tr>
<th>Element name</th>
<th>Datatype</th>
<th>Format</th>
<th>Mandatory</th>
<th>Cardinality</th>
<th>Description</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### VOCABULARIES

<table>
<thead>
<tr>
<th>Vocabulary name</th>
<th>Used in</th>
<th>Examples</th>
<th>Description</th>
<th>Allowed values</th>
<th>Languages available</th>
<th>Available via Web</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vocabulary name</th>
<th>Used in</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Allowed values</td>
<td></td>
</tr>
<tr>
<td>Languages available</td>
<td></td>
</tr>
<tr>
<td>Available via Web</td>
<td></td>
</tr>
</tbody>
</table>

**VOCABULARIES (ALLOWED VALUES)**

<table>
<thead>
<tr>
<th>Vocabulary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language1</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

**RELATIONAL TABLES**

<table>
<thead>
<tr>
<th>Table Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Name</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Page 61 of 389
<TEI
   xml:space="preserve"
   xml:lang="<!--language of database-->"
   xml:base="ex-epidoctemplate.xml"
   xmlns="http://www.tei-c.org/ns/1.0">
   <teiHeader>
     <fileDesc>
       <titleStmt>
         <title><!--TITLE--></title>
       </titleStmt>
       <publicationStmt>
         <authority>CONTENT PROVIDER NAME<abbr>HE</abbr></authority>
         <idno><!--CP-ID-->></idno>
         <idno type="URI"><!--CP-URI--></idno>
         <idno type="TM">www.trismegistos.org/text/<!--TM_ID--></idno>
         <availability>licensed under a Creative Commons CC0 1.0 Universal Public
Dom Domain Dedication licence.</availability>
       </publicationStmt>
     </fileDesc>
   </teiHeader>
   <msDesc>
     <msIdentifier>
       <country>
         <placeName type="modern" ref="<!--TMgeo_id-->">
         <placeName type="modern" ref="<!--TMgeo_id-->">
         <region>
           <placeName type="modern" ref="<!--TMgeo_id-->">
           <region>
             <settlement>
               <placeName ref="<!--TMgeo_id-->">
               <repository ref="<!--trismegistos collection uri-->
               <collection></collection>
   </TEI>
<idno></idno>
</msIdentifier>
<physDesc>
<objectDesc>
  <supportDesc>
    <support>
      <objectType ref="<!-http://www.eagle-network.eu/voc/objtyp/lod/XX-->"><!--Type of Monument--></objectType>
      <material ref="<!-http://www.eagle-network.eu/voc/material/lod/XX-->"><!--material--></material>
      
      <p><br/>
      <dimensions unit="cm">
        <height>!<--height--></height>
        <width>!--width--> </width>
        <depth>!--depth--> </depth>
      </dimensions>
      <rs type="decoration" ref="<!-www.eagle-network.eu/voc/decoration/lod/XX-->">!--decoration--></rs>
      <rs type="statPreserv" ref="<!-www.eagle-network.eu/voc/statepreserv/lod/XX-->">!--state of preservation--></rs>
    </support>
  </supportDesc>
  <layoutDesc>
    <layout>
      <rs type="execution" ref="<!-www.eagle-network.eu/voc/writing/lod/XX-->">!--engraving tecnique--></rs>
      <dimensions>
        <width unit="cm"></width>
        <height unit="cm">!--letter size--</height>
      </dimensions>
    </layout>
  </layoutDesc>
</objectDesc>
</handDesc>

<handNote>
  <height unit="cm"></height>
</handNote>
</handDesc>
</physDesc>

<history>
  <origin>
    <origPlace>
      <placeName ref="<!-TM geo ID-->"
      </placeName></origPlace>
    </origin>
  </history>
type="provinceItalicRegion">
  <!--PROVINCE ITALIC REGION-->
  <placeName ref="<!--TM geo ID-->"/>
</placeName>
</origPlace>
<origDate
  notBefore-custom="<!--FROM format DD-MM-YYYY if only year, always in 4 digits (0076) and if BC, with "-" (-0087))-->
  notAfter-custom="<!--TO format DD-MM-YYYY-->"

  period="www.eagle-network.eu/voc/dates/lod/XX">
  <!-- any descriptive info on date, if any -->
  <!--[!-- when there is uncertainty: add into <origDate> the following: -->
  <certainty level="high" target=".."/>
  -->
</origDate>
</origin>
</provenance>
</history>
</sourceDesc>
</fileDesc>
</encodingDesc>

<p>Marked-up according to the EpiDoc Guidelines</p>
<classDecl>
  <taxonomy>
    <category xml:id="representation">
      <catDesc>Digitized other representations</catDesc>
    </category>
  </taxonomy>
</classDecl>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

</taxonomy>
</classDecl>
</encodingDesc>
</profileDesc>
<keywords>
  <term ref="<!-http://www.eagle-network.eu/voc/typeins/lod/XX-->">Type of inscription--></term>
</keywords>
</textClass>

<langUsage>
  <language ident="ar">Arabic</language>
  <language ident="en">English</language>
  <language ident="fr">French</language>
  <language ident="de">German</language>
  <language ident="grc">Ancient Greek</language>
  <language ident="grc-Latin">Transliterated Greek</language>
  <language ident="el">Modern Greek</language>
  <language ident="he">Hebrew</language>
  <language ident="it">Italian</language>
  <language ident="la">Latin</language>
  <language ident="sp">Spanish</language>
  <!-- all other languages -->
</langUsage>
<creation>EAGLE – Europeana Network of Ancient Greek and Latin Epigraphy</creation></profileDesc>
<revisionDesc>
  <change when="<!-last update format: YYYY-MM-DD-->" who="<!-responsible-->">WORK STATUS--

</change>
</revisionDesc>
</teiHeader>
<facsimile>
  <graphic url="<!-Foto url-->">
    <desc>Photo: <!-FOTO ID--></desc>
  </graphic>
  <!-- use ONE of the licences proposed by Europeana at http://pro.europeana.eu/available-rights-statements. -->
  <ref type="license" target="http://creativecommons.org/licenses/by-sa/3.0/">Licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported licence.</ref>
  <graphic>
    <graphic url="<!-external photo link-->">
</graphic>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

</facsimile>
<text>
<body>

<div type="bibliography">
  <listBibl>
    <!--Literature: if possible each entry as below-->
    <bibl>
      <ptr target="<!--Bibliography URI-->"/>
      <!--publication name or abbreviation-->
    </bibl>
    <citedRange><!--pages, images or number--></citedRange>
    <bibl>
    </listBibl>
</div>

<div type="edition" xml:lang="<!one of la or grc, leave empty for multiple languages -->>">
  <ab><!-- TEXT ESCAPED if possible (no &, < or > but the respective entities &amp; &lt; &gt;)-->
  </ab>
</div>

<div type="apparatus">
  <p></p>
</div>

<div type="translation" xml:lang="<!language abbreviation for language of translation-->>">
  <p>
    <ref type="URL"><!--CP URL for translation if any--></ref>
    <!-- TRANSLATION, if any-->
    </p><desc><!--the following is a suggested licence for translations: please provide the correct IPR statement IF differnt from the general one above-->
    <ref type="license" target="http://creativecommons.org/licenses/by-sa/3.0/">Licensed under a Creative Commons CAttribution-ShareAlike 3.0 Unported licence.</ref>
  </desc>
</div>

<div type="commentary">
  <p><!--Commentary--></p>
</div>
ANNEX III - DETAILED ELEMENTS DESCRIPTION

METADATA INFORMATION

These elements are available for every EAGLE exported object into RDF (CIDOC CRM and other schemas), EpiDoc or any other format. The exported documents are of several natures, including inscriptions, monuments, visual representations, and compositions between them. In RDF these elements are encoded using Dublin Core.

![Figure 12 Metadata RDF graph representation.](image)

**Metadata author (not mandatory, cardinality: 1)**

This element identifies the author of this metadata document.

It is represented by `dc:creator`

```xml
<rdf:Description>
  <dc:creator>Eydel Rivero Ruiz</dc:creator>
  <dc:license>http://creativecommons.org/publicdomain/zero/1.0/</dc:license>
  <dc:date>2014-12-03</dc:date>
  <dc:language>SP</dc:language>
  <dcterms:references rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"
</rdf:Description>

It corresponds in EpiDoc to `/TEI/teiHeader/revisionDesc/change/@who`

```xml
<revisionDesc>
  <change when="METADATA MODIFICATION DATE" who="METADATA AUTHOR"/>
```
Provider of metadata (mandatory, cardinality: 1)

It contains a text that identifies the content provider responsible for the metadata record.

It is represented by dc:publisher

<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <dc:date>2014-12-03</dc:date>
  <dc:language>SP</dc:language>
</rdf:Description>

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/publicationStmt/authority

<fileDesc>
...
  <publicationStmt>
    <authority>CONTENT PROVIDER NAME<abbr>ACRONYM</abbr></authority>
  ...
</publicationStmt>
...
</fileDesc>

e.g.

<fileDesc>
...
  <publicationStmt>
    <authority>Hispania Epigraphica Online<abbr>HE</abbr></authority>
  ...
</publicationStmt>
...
</fileDesc>
Language of metadata (mandatory, cardinality: 1)

It contains the code for the language by the content provider for exporting this record.

It is represented by `dc:language`. Language tags are those recommended by BCP 47.

```xml
<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:license>http://creativecommons.org/publicdomain/zero/1.0/</dc:license>
  <dc:date>2014-12-03</dc:date>
  <dc:language>SP</dc:language>
</rdf:Description>
```

Metadata rights (not mandatory, cardinality: 1)

This element displays the type of licence under which the metadata is provided. The value of this element is fixed to Creative Commons CC0 1.0 Universal Public Domain Dedication licence 29.

It is represented by `dc:licene`

```xml
<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:license>http://creativecommons.org/publicdomain/zero/1.0/</dc:license>
  <dc:date>2014-12-03</dc:date>
  <dc:language>SP</dc:language>
</rdf:Description>
```

It corresponds in EpiDoc to

/TEI/teiHeader/fileDesc/publicationStmt/availability/licence

```xml
<publicationStmt>
  <availability>
    <licence
      target= LICENCE URL>
      LICENCE NAME
    </licence>
  </availability>
</publicationStmt>
```

---

29 See [http://creativecommons.org/publicdomain/zero/1.0/](http://creativecommons.org/publicdomain/zero/1.0/)
EAGLE metadata model specification

EAGLE Deliverable 3.1.2

Example:

```xml
<publicationStmt>
  <availability>
    <licence target="http://creativecommons.org/publicdomain/zero/1.0/">Licensed under a Creative Commons CC0 1.0 Universal Public Domain Dedication licence.</licence>
  </availability>
</publicationStmt>
```

**Metadata modification date (not mandatory, cardinality: 1)**

It contains the date of modification of this metadata document.

It is represented by `dc:date`

```xml
<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:license>http://creativecommons.org/publicdomain/zero/1.0/</dc:license>
  <dc:date>2014-12-03</dc:date>
  <dc:language>SP</dc:language>
</rdf:Description>
```

It corresponds in EpiDoc to `/TEI/teiHeader/revisionDesc/change/@when`

```xml
<revisionDesc>
  <change when="METADATA MODIFICATION DATE" who="METADATA AUTHOR/>
</revisionDesc>
```

Example:

```xml
<revisionDesc>
  <change when="2013-11-14" who="Eydel Rivero Ruiz"/>
</revisionDesc>
```

**METADATA ELEMENTS FOR THE INSCRIPTION OBJECTS**

This set of metadata elements corresponds to the inscription as immaterial objects that may be carried by a monument object.

Inscriptions are represented by `E34 Inscription` and related to `E84 Information Carrier` via `P128i is carried by`. `E84 Information Carrier` represents here the epigraphical field where the inscription is found.
Possible translations of this inscriptions' text are represented by instances of E33 Linguistic Object and related to E34 Inscription via property P73 has translation.

Visual representations of inscriptions are represented by E73 Information Object and E38 Image, and related to the inscription via properties P138i has representation and P67 refers to respectively.

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P128i_is_carried_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#carrier"/>
  <crm:P73_has_translation rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#translation"/>
</crm:E34_Inscription>
```
Figure 13 Inscription RDF graph representation.
Object identification within the content provider repository (mandatory, cardinality: 1)

It contains the identifier of the object being described within the content provider repository. It is represented by E42 Identifier and related via P1 is identified by

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P1_is_identified_by>
    <crm:E42_Identifier>
      <rdf:value>1</rdf:value>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="IDENTIFIER/LOCALID"/>
      </crm:P2_has_type>
    </crm:E42_Identifier>
  </crm:P1_is_identified_by>
</crm:E34_Inscription>
```

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/publicationStmt/idno

```xml
<fileDesc>
  ...
  <publicationStmt>
    <idno type="localID">Object ID</idno>
  ...
</publicationStmt>
  ...
<fileDesc>
  e.g.
  <fileDesc>
    ...
    <publicationStmt>
      <idno type="localID">1</idno>
    ...
  </publicationStmt>
</fileDesc>
```

Object URI within the content provider repository (mandatory, cardinality: 1)

It contains the URI that points to the inscription document within the provider database. It is represented by E42 Identifier and related via P1 is identified by

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
```

```xml
<fileDesc>
  ...
  <publicationStmt>
    <idno type="localID">Object ID</idno>
  ...
</publicationStmt>
  ...
<fileDesc>
  e.g.
  <fileDesc>
    ...
    <publicationStmt>
      <idno type="localID">1</idno>
    ...
  </publicationStmt>
</fileDesc>
```
<crm:P1_is_identified_by>
  <crm:E42_Identifier>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
    </crm:P2_has_type>
  </crm:E42_Identifier>
</crm:P1_is_identified_by>
</crm:E34_Inscription>

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/publicationStmt/idno

<fileDesc>
  ...
  <publicationStmt>
    <idno type="URI">content provider Object URI</idno>
    ...
  </publicationStmt>
  ...
</fileDesc>

  e.g.
  <fileDesc>
  ...
  <publicationStmt>
    <idno type="URI">http://eda-bea.es/pub/record_card_1.php?rec=1</idno>
    ...
  </publicationStmt>
  ...
</fileDesc>

  

**Trismegistos number (not mandatory but recommended, cardinality: 1)**

It contains the Trismegistos identifier (TM_no or TM_id) associated to the Trismegistos document that represents the same epigraphic object being described.

It is represented by *E42 Identifier* and related via *P48 has preferred identifier*
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

It corresponds in TEI/EpistDoc to /TEI/teiHeader/fileDesc/publicationStmt/idno

<fileDesc>
  ...
  <publicationStmt>
    <idno type="TM_id">TRISMEGISTOS IDENTIFIER</idno>
    ...
  </publicationStmt>
  ...
<fileDesc>
  e.g.
<fileDesc>
  ...
  <publicationStmt>
    ...
    <idno type="TM_id">123456</idno>
    ...
  </publicationStmt>
  ...
<fileDesc>

Object Title (mandatory, cardinality: 1)

It contains a text to help identify the object. It can consist of a single field or the composition of several fields.

It is represented by E35 Title and related to E34 Inscription via P102 has title

<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<crm:P102_has_title>
  <crm:E35_Title>
    <rdf:value rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Fragmento del epitafio de un militar</rdf:value>
  </crm:E35_Title>
</crm:P102_has_title>

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/titleStmt/title

<fileDesc>
  <titleStmt>
    <title>OBJECT TITLE</title>
  </titleStmt>
  ...
</fileDesc>
e.g.
<fileDesc>
  <titleStmt>
    <title>Fragmento del epitafio de un militar</title>
  </titleStmt>
  ...
</fileDesc>

Type of inscription (not mandatory, cardinality: 1)
It contains a vocabulary element that indicates the type of text inscribed on the monument.
It is represented by E55 Type related to E34 Inscription via P2 has type

<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P2_has_type>
    <crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/typeins/lod/69">
      <rdfs:label>Honorífica</rdfs:label>
    </crm:E55_Type>
  </crm:P2_has_type>
</crm:E34_Inscription>

It corresponds in TEI/EpiDoc to /TEI/teiHeader/profileDesc/textClass/keywords/term
This will be specified using a <term> element within a <keywords> element. The <term> element will use a @ref attribute to indicate the EAGLE vocabulary value corresponding to this particular type of
inscription. All of this will be enclosed into a `<textClass>` element in the `profileDesc` section of the document.

```xml
<profileDesc>
  <textClass>
    <keywords>
      <term ref="<!--http://www.eagle-network.eu/voc/typeins/lod/XX--
">
        TYPE OF INSCRIPTION</term>
      ...
    </keywords>
  </textClass>
  ...
</profileDesc>
```

e.g.

```xml
<profileDesc>
  <textClass>
    <keywords>
      <term ref="http://www.eagle-network.eu/voc/typeins/honorary">
        Honorífica</term>
      ...
    </keywords>
  </textClass>
  ...
</profileDesc>
```

**Transcription text (mandatory, cardinality: 1)**

This element contains the text inscribed on the epigraphical field of the monument if any.

It is represented by an `E62 String` and related to an `E34 Incription` via a `P3 has note`

```
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P3_has_note>
    Militias nobis et praemia [Caesar iunxit]/ accepi
gemini bis praem[ia]
torquis turmae] / Armigerae primum comes al[terum] / Palatinarum
custos dat[us ita]
nostras] / auxit fortunas ut avunc[uli Constantini] / olim sacrat
de nomin[e nos]
decorarat] </crm:P3_has_note>
```
It corresponds in TEI/EpiDoc to \textit{TEI/text/body/div/ab}

\texttt{<text>}
\texttt{<body>}
\texttt{<div type="edition" xml:lang="LANGUAGE">}
\texttt{<ab>TRANSCRIPTION (Greek or Latin (etc.))</ab>}
\texttt{</div>}
\texttt{...}
\texttt{</body>}
\texttt{</text>}

e.g.

\texttt{<text>}
\texttt{<body>}
\texttt{<div type="edition" xml:lang="la" part="N" org="uniform" sample="complete">}
\texttt{<head>Text</head>}
\texttt{<ab>}
\texttt{<lb n="1"/><orig>M</orig>ilitias nobis et praemia <supplied reason="lost">Caesar iunxit</supplied>}
\texttt{<lb n="2"/>accepi gemini bis praem<supplied reason="lost">ia torquis turmae</supplied>}
\texttt{<lb n="3"/><orig>A</orig>rmi\textit{gerae primum comes al<supplied reason="lost">terum</supplied>}}
\texttt{<lb n="4"/><orig>P</orig>alatinarum custos dat<supplied reason="lost">us ita nostras</supplied>}
\texttt{<lb n="5"/>auxit fortunas ut avunc<supplied reason="lost">uli Constantini</supplied>}
\texttt{<lb n="6"/><orig>O</orig>lim sacrat de nomin<supplied reason="lost">e nos decorarat</supplied>}
\texttt{</ab>}
\texttt{</div>}
\texttt{...}
\texttt{</body>}
\texttt{</text>}

Please note that this is the text once applied the EpiDoc guidelines for Leiden convention encoding. The text before encoding is as shown below:

\texttt{Militias nobis et praemia [Caesar iunxit]/ accepi gemini bis praem\{ia torquis turmae\} / Armigerae primum comes al\{terum\} / Palatinarum custos dat\{us ita
nostras] / auxit fortunas ut avunc[uli Constantini] / olim sacrat de nomin[e
nos decorarat]

**Transcription language (mandatory, cardinality: 1)**

This element contains the language in which the inscribed text is written. Language tags are those recommended by BCP 47.

It is represented by `E56 Language` and related to `E34 Inscription` via `P72 has language`

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P72_has_language>
    <crm:E56_Language rdf:value="la [Latin]"/>
  </crm:P72_has_language>
</crm:E34_Inscription>
```

It corresponds in TEI/EpiDoc to `TEI/text/body/div/@xml:lang`

```xml
<text>
  <body>
    <div type="edition" xml:lang="LANGUAJE">
      <ab>TRANSCRIPTION (Greek or Latin (etc.))</ab>
    </div>
    ...
  </body>
</text>
```

e.g.

```xml
<text>
  <body>
    <div type="edition" xml:lang="la" part="N" org="uniform">
      sample="complete">
        <head>Text</head>
        <ab>
          <lb n="1"/>/orig>M</orig>ilitias nobis et praemia <supplied reason="lost">Caesar iunxit</supplied>
          <lb n="2"/>/accepi gemini bis praem<supplied reason="lost">ia torquis turmae</supplied>
          <lb n="3"/>/orig>A</orig>rmigerae primum comes al<supplied reason="lost">terum</supplied>
          <lb n="4"/>/orig>P</orig>alatinarum custos dat<supplied reason="lost">us ita nostras</supplied>
          <lb n="5"/>auxit fortunas ut avunc<supplied reason="lost">uli
```
Names mentioned (not mandatory, cardinality: *)

This element makes reference to names of real or mythological figures mentioned in the inscription text.

It is represented by E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to.

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P67_refers_to>
    <crm:E21_Person>
      <crm:P131_is_identified_by>
        <crm:E82_Actor_Appellation>
          <rdf:value>[NAME MENTIONED]</rdf:value>
        </crm:E82_Actor_Appellation>
      </crm:P131_is_identified_by>
    </crm:E21_Person>
  </crm:P67_refers_to>
</crm:E34_Inscription>
```

Locations mentioned (not mandatory, cardinality: *)

It contains names of places mentioned in the inscription.

It is represented by E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to.

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P67_refers_to>
    <crm:E53_Place>
      <crm:P87_is_identified_by>
        <crm:E44_List_Appellation>
          <rdf:value>[PLACE NAME]</rdf:value>
        </crm:E44_List_Appellation>
      </crm:P87_is_identified_by>
    </crm:E53_Place>
  </crm:P67_refers_to>
</crm:E34_Inscription>
```
Bibliography (not mandatory, cardinality: *)

Bibliography references are represented by dcterms:BibliographicResource and related to E34 Inscription via dcterms:references. Within the class dcterms:BibliographicResource, the property cito:citesAsSourceDocument can be used with a value consisting on a URI pointing to an entry located on an online bibliography repository if any is available.

It is represented by dcterms:BibliographicResource related to E34 Inscription document via dcterms:references

```xml
<dcterms:references>
  <dcterms:BibliographicResource>
    <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
    <dcterms:biblographicCitation>MAP Granada 1854</dcterms:biblographicCitation>
  </dcterms:BibliographicResource>
</dcterms:references>

<dcterms:references>
  <dcterms:BibliographicResource>
    <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
    <dcterms:biblographicCitation>Vives, ICERV (p. 293)</dcterms:biblographicCitation>
  </dcterms:BibliographicResource>
</dcterms:references>

<dcterms:references>
  <dcterms:BibliographicResource>
    <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
    <dcterms:biblographicCitation>ILPG 138, pp. 261-2</dcterms:biblographicCitation>
  </dcterms:BibliographicResource>
</dcterms:references>
```

Page 82 of 389
resource if available"/>
    <dcterms:bibliographicCitation>Le Roux, P., en: M. Christol et aliil/dcterms:bibliographicCitation>
    </dcterms:BibliographicResource>
</dcterms:references>

</crm:E34_Inscription>

It corresponds in TEI/EpiDoc to /TEI/text/body/div/head/TEI/text/body/div/p

<text>
<body>
...

<div type="bibliography">
  <listBibl>
    ...
  </listBibl>

  <bibl>
    <ptr target="BIBLIOGRAPHY URI"/>
    publication name or abbreviation
    <citedRange> pages, images or number</citedRange>
  </bibl>
...

</div>

...</body>
<text>
e.g.
<text>
<body>
...

<div type="bibliography">
  <listBibl>
    ...
  </listBibl>

  <bibl>
    <ptr target="Bibliography URI"/>
    <citedRange>pp 72</citedRange>
  </bibl>
...

</div>
Honorand (not mandatory, cardinality: *)

It contains information that identifies the person to whom the inscription was dedicated.

It is represented by E21 Person and related via P129 is about.

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P129_is_about>
    <crm:E21_Person>
      <crm:P131_is_identified_by>
        <crm:E82_Actor_Appellation>
          <rdf:value><![HONORAND NAME]]></rdf:value>
        </crm:E82_Actor_Appellation>
      </crm:P131_is_identified_by>
      <crm:P2_has_type>
        <crm:E55_Type>
          <rdfs:label>POLITICAL-SOCIAL STATUS</rdfs:label>
        </crm:E55_Type>
      </crm:P2_has_type>
    </crm:E21_Person>
  </crm:P129_is_about>
</crm:E34_Inscription>
```

Political-Social status of honorand (not mandatory, cardinality: *)

It consists on information about the political-social status of honorands.

It is represented by E55 Type and related to the instance of E21 Person representing the honorand via P2 has type.

```xml
<crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
  <crm:P129_is_about>
    <crm:E21_Person>
      <crm:P131_is_identified_by>
        <crm:E82_Actor_Appellation>
          <rdf:value><![HONORAND NAME]]></rdf:value>
        </crm:E82_Actor_Appellation>
      </crm:P131_is_identified_by>
      <crm:P2_has_type>
        <crm:E55_Type>
          ...
Critical Apparatus (not mandatory, cardinality: *)

It should be noted that critical apparatus, erasures, spelling errors variations, editorial additions, and other comments regarding the text of the inscription are represented using the Linked Ancient World Data\(^\text{30}\) (LAWD) ontology and the Open Annotation Collaboration ontology\(^\text{31}\). In general, these elements are described by creating first an annotation element that specifies in its "target", the fragment of the text to which the annotation refers, and in its "body" the details about the comment itself, wrapped in an lawd:CollationItem element.

Critical apparatus contains one or more interpretation variants of the text.

It is represented by oa:Annotation in relation with lawd:CollationItem and lawd:Siglum and related to the inscription object (E34 Inscription) via oa:hasTarget and oa:hasSource.

```xml
<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatusfragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>Lín. 1: praemia [Caesar iunxit]</oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T17:46:12</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>
```

\(^{30}\) See https://github.com/lawdi/LAWD

\(^{31}\) See http://www.openannotation.org/spec/core/
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

</rdf:Description>
</oa:annotatedBy>
</oa:Annotation>

<lawd:CollationItem rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry1">
  <cnt:chars>praemia [domnus iunxit]<!--cnt:chars--></cnt:chars>
  <lawd:readingType rdf:resource="http://lawd.info/ontology/variant"/>
  <rdf:type rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <dc:format>text/plain</dc:format>
  <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
  <dcterms:biblographicCitation>HEp 14</dcterms:biblographicCitation>
</lawd:CollationItem>

<lawd:Siglum rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus/siglumSymbol1">
  <lawd:represents>
    <crm:E33_Linguistic_Object>
      <crm:P1_is_identified_by>
        <crm:E42_Identifier>
          <rdf:value>[Idenifier for the written work to which siglumSymbol1 points at]</rdf:value>
        </crm:E42_Identifier>
      </crm:P1_is_identified_by>
    </crm:E33_Linguistic_Object>
  </lawd:represents>
</lawd:Siglum>

<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus2">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry2"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatusfragmentselector2">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>Lín. 3: [terum]</oa:hasSelector>
    </rdf:Description>
  </oa:hasTarget>
</oa:Annotation>
It corresponds in TEI/EpiDoc to /TEI/text/body/div/head/TEI/text/body/div/p
If it’s required, each apparatus entry can be further encoded using the TEI elements app, lem and rdg.

<text>
  <body>
    ...
    <div type="apparatus">
      <p>Critical apparatus</p>
    </div>
    ...
  </body>
</text>

e.g.
<text>
  <body>
    ...
    <div type="apparatus" part="N" org="uniform" sample="complete">
      <p part="N">HEp 14 Lín. 1: praemia [domnus iunxit]; P. Le Roux, 1992,

...
Multiple entries for critical apparatus can be recorded in the following way:

```xml
<listApp>
  <app>
    <note>HEp 14 Lin. 1: praemia [domnus iunxit]</note>
  </app>
  <app>
    <note>P. Le Roux, 1992, p. 272, lin. 3 [TERVM EXCVBIARVM]?</note>
  </app>
</listApp>
```

**Erasures (not mandatory, cardinality: *)**

It specifies whether the text of the inscription was damaged on purpose.

Similar to critical apparatus, this element is represented by `oa:Annotation` in relation with `lawd:CollationItem` and related to the inscription object (`E34 Inscription`) via `oa:hasTarget` and `oa:hasSource`.

```xml
<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#erasure1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#erasure-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#erasurefragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>[position in text where the deletion occurs]"</oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T17:53:16</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>
```
Spelling errors variations (not mandatory, cardinality: *)

It shows if there are any spelling mistakes on the text of the inscription.

Similar to critical apparatus, this element is represented by `oa:Annotation` in relation with `lawd:CollationItem` and related to the inscription object (E34 Inscription) via `oa:hasTarget` and `oa:hasSource`.

```xml
<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#spelling1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#spelling-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#spellingfragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>[position in text where the spelling error occurs]</oa:hasSelector>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T17:53:16</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>
```
Editorial additions (not mandatory, cardinality: *)

This element contains information regarding the restoration of the letters/phrases that are missing from the text of the inscription and the names of the scholars who did the addenda.

Similar to critical apparatus, this element is represented by oa:Annotation in relation with lawd:CollationItem and related to the inscription object (E34 Inscription) via oa:hasTarget and oa:hasSource.

<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#addition1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#addition-entry1"/>
  <oa:hasTarget>
    <rdf:Description>
      <rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#additionfragmentselector1"/>
    </rdf:Description>
    <oa:annotatedAt>2010-11-26T17:59:02</oa:annotatedAt>
    <oa:annotatedBy>
      <rdf:Description>
        <rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
        <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
      </rdf:Description>
    </oa:annotatedBy>
  </oa:hasTarget>
</oa:Annotation>

<lawd:CollationItem rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#addition-entry1">
  <cnt:chars>[comment about the addition]</cnt:chars>
  <lawd:readingType rdf:resource="http://lawd.info/ontology/addition"/>
  <rdf:type
Commentary (not mandatory, cardinality: *)

It registers other commentaries by different authors about the text of the inscription.

Similar to critical apparatus, this element is represented by oa:Annotation in relation with lawd:CollationItem and related to the inscription object (E34 Inscription) via oa:hasTarget and oa:hasSource.

```
<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#commentary1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#commentary-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#commentaryfragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>[position in text where the commentary applies]</oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T18:03:19</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>
```
METADATA ELEMENTS FOR EPIGRAPHICAL FIELD OBJECTS

The epigraphical field is the part of the monument where the inscription is written and may have its own physical features such as dimensions and metre. It is represented by E84 Information Carrier and it is related from the inscription object (E34 Inscription) using property P128i is carried by.

Any image representing this object is related via property P138i_has_representation. Other visual representations such as videos and 3D models are related via P129i_is_subject_of.

</crm:E84_Information_Carrier>

<crm:P129i_is_subject_of rdf:resource="http://eda-bea.es/videos/1234"/>

</crm:E84_Information_Carrier></crm:E84_Information_Carrier>

The fact that an epigraphical field forms part of a wider object (the monument object represented by E22_Man-Made_Object) is represented by the property P46i_forms_part_of.
Figure 14 Epigraphical Field RDF graph representation.
**Metre (not mandatory, cardinality: 1)**

It contains a text that indicates whether the text of the inscription is metrical and possibly the type of metric. It is represented by `E55 Type` and related using the EAGLE custom property `PEGL has metre` which is defined as follow:

```xml
<rdf:Property rdf:ID="PEGL_has_metre">
  <rdfs:domain rdf:resource="E34_Inscription"/>
  <rdfs:range rdf:resource="E55_Type"/>
  <rdfs:subPropertyOf rdf:resource="P2_has_type"/>
</rdf:Property>
</crm:E84_Information_Carrier>
<crm:PEGL_has_metre>
  <crm:E55_Type>
    <rdfs:label>Hexameter</rdfs:label>
  </crm:E55_Type>
</crm:PEGL_has_metre>
</crm:E84_Information_Carrier>
</crm:E84_Information_Carrier>
```

It corresponds in TEI/EpiDoc to

```xml
<layout>
  ...
  <rs type="metre">METRE</rs>
  ...
</layout>
```

E.g.

```xml
<layout>
  ...
  <rs type="metre">Hexameter</rs>
  ...
</layout>
```

**Height of Epigraphical Field (not mandatory, cardinality: 1)**

It contains the dimensions (in centimetres) of the epigraphic field.

It is represented by an instance of `E54 Dimension` and related to `E34 Inscription` via `P43 has dimension`
<crm:P91_has_unit>
    <crm:E58_Measurement_Unit rdf:value="cm"/>
</crm:P91_has_unit>
<crm:P2_has_type>
    <crm:E55_Type rdf:value="DIMENSION/FIELD_HEIGHT"/>
</crm:P2_has_type>
<crm:P90_has_value>24.0</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>
</crm:E84_Information_Carrier>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/height

<layoutDesc>
    <layout>
        ...
        <dimensions>
            <width unit="cm">WIDTH</width>
            <height unit="cm">HEIGHT</height>
        </dimensions>
        ...
    </layout>
</layoutDesc>

e.g.
<layoutDesc>
    <layout>
        ...
        <dimensions>
            <width unit="cm">45.0</width>
            <height unit="cm">24.0</height>
        </dimensions>
        ...
    </layout>
</layoutDesc>

**Width of Epigraphical Field (not mandatory, cardinality: 1)**

It contains the dimensions (in centimetres) of the epigraphic field.

It is represented by an instance of E54 Dimension and related to E84 Information Carrier via P43 has dimension

</crm:E84_Information_Carrier>
    <crm:P43_has_dimension>
        <crm:E54_Dimension>
            <crm:P91_has_unit>
Deliverable 3.1.2
EAGLE metadata model specification

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width

<layoutDesc>
  <layout>
    ...
    <dimensions>
      <width unit="cm">WIDTH</width>
      <height unit="cm">HEIGHT</height>
    </dimensions>
    ...
  </layout>
</layoutDesc>

e.g.

<layoutDesc>
  <layout>
    ...
    <dimensions>
      <width unit="cm">45.0</width>
      <height unit="cm">24.0</height>
    </dimensions>
    ...
  </layout>
</layoutDesc>

Paleographic Characteristics (not mandatory, cardinality: 1)

This element describes different aspects of the text that help in the reading, interpretation and cultural contextualization of the inscription.

It is represented by rdf:literal and related using the EAGLE custom property PEGL has paleographic notes which is defined as follow:

<rdf:Property rdf:ID="PEGL_has_paleographic_notes"/>
<rdfs:domain rdf:resource="E84_Information_Carrier"/>
<rdfs:range rdf:resource="http://www.w3.org/2000/01/rdf-schema#Literal"/>
The Paleographic Characteristics are encoded as a free text in the handNote element.

```xml
<handDesc>
  <handNote>
    PALEOGRAPHIC CHARACTERISTICS
    ...
  </handNote>
</handDesc>
```

e.g.

```xml
<handDesc>
  <handNote>
    Letra capital alargada de buena factura. Inscripción en hexámetros.
    ...
  </handNote>
</handDesc>
```

**Letter size (not mandatory, cardinality: 1)**

Letter size specifies the size of the letters in the text of the inscription.

It is represented by E54 Dimension related to E84 Information Carrier via P43 has dimension. Some extensions to the CRM model created for the ResearchSpace32Project by Seme4 Ltd are used here to encode minimum and maximum size of letters.

```xml
<crm:E84_Information_Carrier>
  <crm:P43_has_dimension>
    <crm:E54_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="cm"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/LETTER_SIZE"/>
      </crm:P2_has_type>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>
</crm:E84_Information_Carrier>
```

Deliverable 3.1.2
EAGLE metadata model specification

```xml
<bmo:PX_min_value
rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
>4.0</bmo:PX_min_value>
<bmo:PX_max_value
rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
>4.5</bmo:PX_max_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>
</crm:E84_Information_Carrier>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height

This element is recorded using the height element within a handNote element.

```xml
<handDesc>
  <handNote>
    PALEOGRAPHIC CHARACTERISTICS
    <height
      unit="cm"
      min="MIN LETTER SIZE"
      max="MAX LETTER SIZE">LETTER SIZE</height>
  </handNote>
</handDesc>

e.g.

```xml
<handDesc>
  <handNote>
    Letra capital alargada de buena factura
    <height
      unit="cm"
      min="4"
      max="4.5">4.5 - 4</height>
  </handNote>
</handDesc>

Dating (not mandatory, cardinality: 1)

The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. The production event will contain data representing dating, chronology, dating arguments, engraving technique, author of the inscription, dedicator, and event of the inscription.
For dating, two options are possible: single dates and date ranges. Both represented by E52 Time Span and related to E12 Production via P4 has time-span. For date ranges we also use CRM time extension 1.033 Encoded in RDFS.

```xml
<crm:E84_Information_Carrier>
  <crm:P108i_was_produced_by>
    <crm:E12_Production>
      <crm:P4_has_time-span>
        <crm:E52_Time_Span>
          <crm:P82a_begin_of_the_begin rdf:datatype="http://www.w3.org/2001/XMLSchema#date">
            0360
          </crm:P82a_begin_of_the_begin>
          <crm:P82b_end_of_the_end rdf:datatype="http://www.w3.org/2001/XMLSchema#date">
            0365
          </crm:P82b_end_of_the_end>
        </crm:E52_Time_Span>
      </crm:P4_has_time-span>
    </crm:E12_Production>
  </crm:P108i_was_produced_by>
</crm:E84_Information_Carrier>

<crm:P10_falls_within>
  <crm:E4_Period rdf:about="www.eagle-network.eu/voc/dates/Constantiniana"/>
</crm:P10_falls_within>

<crm:P3_has_note>Reinado de Juliano, hacia el 363.</crm:P3_has_note>

<crm:P39i_was_measured_by>
</crm:P39i_was_measured_by>

<crm:P15_was_influenced_by>palaeographia</crm:P15_was_influenced_by>

<crm:P32_used_general_technique>
  <crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/writing/lod/1">
    <rdfs:label>Chiselled</rdfs:label>
  </crm:E55_Type>
</crm:P32_used_general_technique>
```

---

33 See [http://www.cidoc-crm.org/rdfs/CRMtime_spans_v1.0.rdfs](http://www.cidoc-crm.org/rdfs/CRMtime_spans_v1.0.rdfs)
<crm:P14_carried_out_by>
  <crm:E21_Person>
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation>
        <rdf:value>[AUTHOR NAME]</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E21_Person>
</crm:P14_carried_out_by>

<crm:P17_was_motivated_by>
  <crm:E21_Person>
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation>
        <rdf:value>[DEDICATOR NAME]</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E21_Person>
</crm:P17_was_motivated_by>

<crm:P17_was_motivated_by>
  <crm:E7_Activity>
    <crm:P1_is_identified_by>
      <crm:E42_Identifier>
        <rdf:value>[EVENT IDENTIFIER]</rdf:value>
      </crm:E42_Identifier>
    </crm:P1_is_identified_by>
  </crm:E7_Activity>
</crm:P17_was_motivated_by>

</crm:E12_Production>
</crm:P108i_was_produced_by>

</crm:E84_Information_Carrier></crm:E84_Information_Carrier>

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate@notBefore-custom and /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate@notAfter-custom. Dates will be encoded as date ranges using @notBefore-custom and @notAfter-custom attributes with format "YYYY-MM-DD". If we need to encode a single date, then the same value will be used in both attributes. If only the year needs to be stored, use always the four digit format (e.g. 0363) and for BC dates use "-" preceding the number (e.g. -0082).

<history>
  <origin>
    ...
  </origin>
</history>
Chronology (not mandatory, cardinality: 1)

It consists on reference to an EAGLE vocabulary element specifying the historical period within which the date of creation of the epigraphical field can be situated.

It is represented by E4 Period and related to E12 Production via P10 falls within.

<crm:E84_Information_Carrier>
  <crm:P108i_was_produced_by>
    <crm:E12_Production>
      <crm:P4_has_time-span>
        <crm:E52_Time-Span>
          ...
```xml
<crm:P82a_begin_of_the_begin rdf:datatype="http://www.w3.org/2001/XMLSchema#date" >0360</crm:P82a_begin_of_the_begin>
<crm:P82b_end_of_the_end rdf:datatype="http://www.w3.org/2001/XMLSchema#date" >0365</crm:P82b_end_of_the_end>
</crm:E52_Time-Span>
</crm:P4_has_time-span>

<crm:P10_falls_within>
<crm:E4_Period rdf:about="www.eagle-network.eu/voc/dates/Constantiniana"/>
</crm:P10_falls_within>

<crm:P3_has_note>Réinado de Juliano, hacia el 363.</crm:P3_has_note>

<crm:P39i_wasMeasuredBy>
<crm:P15_wasInfluencedBy>palaeographia</crm:P15_wasInfluencedBy>
</crm:E16_Measurement>
</crm:P39i_wasMeasuredBy>

<crm:P32_usedGeneralTechnique>
<crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/writing/1">
<rdfs:label>Chiselled</rdfs:label>
</crm:E55_Type>
</crm:P32_usedGeneralTechnique>

<crm:P14_carriedOutBy>
<crm:E21_Person>
<crm:P131_isIdentifiedBy>
<crm:E82_ActorAppellation>
<rdf:value>[AUTHOR NAME]</rdf:value>
</crm:E82_ActorAppellation>
</crm:P131_isIdentifiedBy>
</crm:E21_Person>
</crm:P14_carriedOutBy>

<crm:P17_wasMotivatedBy>
<crm:E21_Person>
<crm:P131_isIdentifiedBy>
</crm:E21_Person>
</crm:P17_wasMotivatedBy>
```
<crm:E82_Actor_Appellation>
  <rdf:value>[DEDICATOR NAME]</rdf:value>
</crm:E82_Actor_Appellation>
</crm:P131_is_identified_by>
</crm:E21_Person>
</crm:P17_was_motivated_by>

<crm:P17_was_motivated_by>
  <crm:E7_Activity>
    <crm:P1_is_identified_by>
      <crm:E42_Identifier>
        <rdf:value>[EVENT IDENTIFIER]</rdf:value>
      </crm:E42_Identifier>
    </crm:P1_is_identified_by>
    <crm:E7_Activity>
      <crm:P17_was_motivated_by>
      </crm:E7_Activity>
    </crm:P17_was_motivated_by>
  </crm:E7_Activity>
</crm:E12_Production>
</crm:P108i_was_produced_by>

</crm:E84_Information_Carrier>

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/@period.

<history>
  <origin>
    ...
    <origDate
      notBefore-custom="YYYY-MM-DD"
      notAfter-custom="YYYY-MM-DD"
      evidence="EVIDENCE"
      period="historical period URI">
      Text referring to the date of origin
    </origDate>
    ...
  </origin>
  ...
</history>

e.g.

<history>
  <origin>
...<origDate
notBefore-custom="0363"
notAfter-custom="0363"
evidence="palaeographia"
period="www.eagle-network.eu/voc/dates/Constantiniana">Reinado de
Juliano, hacia el 363</origDate>
...
</origin>
</history>

**Dating Arguments (not mandatory, cardinality: 1)**

This element contains valuable information that may help in determining the date of creation of the inscription.

It is represented by E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by.

</crm:E84_Information_Carrier>

<crm:P108i_was_produced_by>
<crm:E12_Production>

<crm:P4_has_time-span>
<crm:E52_Time-Span>
<crm:P82a_begin_of_the_begin rdf:datatype="http://www.w3.org/2001/XMLSchema#date" >0360</crm:P82a_begin_of_the_begin>
<crm:P82b_end_of_the_end rdf:datatype="http://www.w3.org/2001/XMLSchema#date" >0365</crm:P82b_end_of_the_end>
</crm:E52_Time-Span>
</crm:P4_has_time-span>

<crm:P10_falls_within>
<crm:E4_Period rdf:about="www.eagle-network.eu/voc/dates/Constantiniana" />
</crm:P10_falls_within>

<crm:P3_has_note>Reinado de Juliano, hacia el
363.

<crm:P39i_was_measured_by>
    <crm:P32_used_general_technique>
      <crm:E55_Type rdf:about="http://www.eaglenetwork.eu/voc/writing/lod/1">
        <rdfs:label>Chiselled</rdfs:label>
      </crm:E55_Type>
    </crm:P32_used_general_technique>
  </crm:E16_Measurement>
</crm:P39i_was_measured_by>

<crm:P15_was_influenced_by>palaeographia</crm:P15_was_influenced_by>
</crm:E16_Measurement>

<crm:P14_carried_out_by>
  <crm:E21_Person>
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation>
        <rdf:value>[AUTHOR_NAME]</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E21_Person>
</crm:P14_carried_out_by>

<crm:P17_was_motivated_by>
  <crm:E21_Person>
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation>
        <rdf:value>[DEDICATOR_NAME]</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E21_Person>
</crm:P17_was_motivated_by>

<crm:P17_was_motivated_by>
  <crm:E7_Activity>
    <crm:P1_is_identified_by>
      <crm:E42_Identifier>
        <rdf:value>[EVENT IDENTIFIER]</rdf:value>
      </crm:E42_Identifier>
    </crm:P1_is_identified_by>
  </crm:E7_Activity>
</crm:P17_was_motivated_by>
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/@evidence

<origin>
    ...
    <origDate
        notBefore-custom="YYYY-MM-DD"
        notAfter-custom="YYYY-MM-DD"
        evidence="EVIDENCE"
        period="historical period URI"> Text referring to the date of origin
    </origDate>
    ...
    </origin>
</origin>
...</history>

e.g.

<origin>
    ...
    <origDate
        notBefore-custom="0363"
        notAfter-custom="0363"
        evidence="palaeographia"
        period="www.eagle-network.eu/voc/dates/Constantiniana">Reinado de Juliano, hacia el 363</origDate>
    ...
    </origin>
</origin>
...
</history>
Engraving technique (not mandatory, cardinality: *)

It contains an EAGLE vocabulary element that indicates the writing technique employed for this inscription.

It is represented by \texttt{E55 Type} related to \texttt{E12 Production} via \texttt{P32 used general technique}.

```xml
</crm:E84_Information_Carrier>
<crm:P108i_was_produced_by>
<crm:E12_Production>
<crm:P4_has_time-span>
<crm:E52_Time-Span>
<crm:P82a_begin_of_the_begin rdf:datatype="http://www.w3.org/2001/XMLSchema#date">
0360</crm:P82a_begin_of_the_begin>
<crm:P82b_end_of_the_end rdf:datatype="http://www.w3.org/2001/XMLSchema#date">
0365</crm:P82b_end_of_the_end>
</crm:E52_Time-Span>
</crm:P4_has_time-span>
<crm:P10_falls_within>
<crm:E4_Period rdf:about="www.eagle-network.eu/voc/dates/Constantiniana"/>
</crm:P10_falls_within>
<crm:P3_has_note>Reinado de Juliano, hacia el 363.</crm:P3_has_note>
<crm:P39i_was_measured_by>
<crm:P15_was_influenced_by>paleographia</crm:P15_was_influenced_by>
<crm:P16_Measurement>
</crm:P39i_was_measured_by>
<crm:P32_used_general_technique>
<crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/writing/1">
<rdfs:label>Chiselled</rdfs:label>
</crm:E55_Type>
</crm:P32_used_general_technique>
<crm:P14_carried_out_by>
<crm:E21_Person>
```
<crm:P31_is_identified_by>
  <crm:E82_Actor_Appellation>
    <rdf:value>[AUTHOR NAME]</rdf:value>
  </crm:E82_Actor_Appellation>
</crm:P31_is_identified_by>
</crm:E21_Person>
</crm:P14_carried_out_by>

<crm:P17_was_motivated_by>
  <crm:E21_Person>
    <crm:P31_is_identified_by>
      <crm:E82_Actor_Appellation>
        <rdf:value>[DEDICATOR NAME]</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P31_is_identified_by>
  </crm:E21_Person>
</crm:P17_was_motivated_by>

<crm:P17_was_motivated_by>
  <crm:E7_Activity>
    <crm:P1_is_identified_by>
      <crm:E42_Identifier>
        <rdf:value>[EVENT IDENTIFIER]</rdf:value>
      </crm:E42_Identifier>
    </crm:P1_is_identified_by>
  </crm:E7_Activity>
</crm:P17_was_motivated_by>
</crm:E12_Production>
</crm:P108i_was_produced_by>
</crm:E84_Information_Carrier></crm:E84_Information_Carrier>

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layoutDesc/layout/rs.

<layoutDesc>
  <layout>
    <rs type="execution" ref="ENGRAVING TECHNIQUE URI">ENGRAVING TECHNIQUE</rs>
  ...
</layout>
</layoutDesc>

e.g.

<layoutDesc>
  <layout>
Author of inscription (not mandatory, cardinality: 1)

It contains information documenting the author of the inscription such as name of the artist or name of the artistic/artisan school.

It is represented by \( \text{E21 Person} \) and related to \( \text{E12 Production} \) via \( \text{P14 carried out by} \).

\[
<\text{crm:E84\_Information\_Carrier}>
<\text{crm:P108\_i\_was\_produced\_by}>
<\text{crm:E12\_Production}>

<\text{crm:P4\_has\_time\_span}>
<\text{crm:E52\_Time\_Span}>
<\text{crm:P82a\_begin\_of\_the\_begin} rdf:datatype="http://www.w3.org/2001/XMLSchema#date" 0360/</text:crm:P82a\_begin\_of\_the\_begin>
<\text{crm:P82b\_end\_of\_the\_end} rdf:datatype="http://www.w3.org/2001/XMLSchema#date" 0365/</text:crm:P82b\_end\_of\_the\_end>
</text:crm:E52\_Time\_Span>
</text:crm:P4\_has\_time\_span>

<\text{crm:P10\_falls\_within}>
</text:crm:P10\_falls\_within>

<\text{crm:P3\_has\_note}>Reinado de Juliano, hacia el 363.</text:crm:P3\_has\_note>

<\text{crm:P39\_i\_was\_measured\_by}>
</text:crm:P39\_i\_was\_measured\_by>

<\text{crm:P15\_was\_influenced\_by}>palaeographia</text:crm:P15\_was\_influenced\_by>
</text:crm:P15\_was\_influenced\_by>
</text:crm:E16\_Measurement>
</text:crm:P39\_i\_was\_measured\_by>

<\text{crm:P32\_used\_general\_technique}>
<\text{crm:E55\_Type} rdf:about="http://www.eagle-
EAGLE metadata model specification

network.eu/voc/writing/lod/1">
  <rdfs:label>Chiselled</rdfs:label>
</crm:E55_Type>
</crm:P32_used_general_technique>

<crm:P14_carried_out_by>
<crm:E21_Person>
<crm:P131_is_identified_by>
<crm:E82_Actor_Appellation>
<rdf:value>[AUTHOR NAME]</rdf:value>
</crm:E82_Actor_Appellation>
</crm:P131_is_identified_by>
</crm:E21_Person>
</crm:P14_carried_out_by>

<crm:P17_was_motivated_by>
<crm:E21_Person>
<crm:P131_is_identified_by>
<crm:E82_Actor_Appellation>
<rdf:value>[DEDICATOR NAME]</rdf:value>
</crm:E82_Actor_Appellation>
</crm:P131_is_identified_by>
</crm:E21_Person>
</crm:P17_was_motivated_by>

<crm:P17_was_motivated_by>
<crm:E7_Activity>
<crm:P1_is_identified_by>
<crm:E42_Identifier>
<rdf:value>[EVENT IDENTIFIER]</rdf:value>
</crm:E42_Identifier>
</crm:P1_is_identified_by>
</crm:E7_Activity>
</crm:P17_was_motivated_by>
</crm:E12_Production>
</crm:P108i_was_produced_by>

</crm:E84_Information_Carrier></crm:E84_Information_Carrier>

**Dedicator (not mandatory, cardinality: 1)**

It contains information about the person who devotes the inscription.

It is represented by **E21 Person** and related to **E12 Production** via **P14 carried out by**.

</crm:E84_Information_Carrier>
<crm:P108i_was_produced_by><crm:E12_Production>
  <crm:P4_has_time-span>
    <crm:E52_Time-Span>
      <crm:P82a_begin_of_the_begin rdf:datatype="http://www.w3.org/2001/XMLSchema#date" >0360</crm:P82a_begin_of_the_begin>
      <crm:P82b_end_of_the_end rdf:datatype="http://www.w3.org/2001/XMLSchema#date" >0365</crm:P82b_end_of_the_end>
    </crm:E52_Time-Span>
  </crm:P4_has_time-span>
    <crm:P10_falls_within>
      <crm:P3_has_note>Reinado de Juliano, hacia el 363.</crm:P3_has_note>
    </crm:P10_falls_within>
      <crm:P15_was_influenced_by>palaeographia</crm:P15_was_influenced_by>
      <crm:P39i_was_measured_by>
        <crm:P32_used_general_technique>
          <crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/writing/lod/1">Chiselled</crm:E55_Type>
        </crm:P32_used_general_technique>
        <crm:P14_carried_out_by><crm:E21_Person>
          <crm:P131_is_identified_by><crm:E82_Actor_Appellation>
            <rdfs:label>[AUTHOR NAME]</rdfs:label>
          </crm:E82_Actor_Appellation>
          </crm:P131_is_identified_by>
        </crm:E21_Person>
      </crm:P39i_was_measured_by>
    </crm:P32_used_general_technique>
  </crm:P10_falls_within>
</crm:E12_Production>
Event of Inscription (not mandatory, cardinality: 1)

It contains a description about the event related to the purpose of the inscription. It is represented by E7 Activity and related to E12 Production via P17 was motivated by.
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

</crm:P4_has_time-span>

<crm:P10_falls_within>
   <crm:E4_Period rdf:about="www.eagle-network.eu/voc/dates/Constantiniana"/>
</crm:P10_falls_within>

<crm:P3_has_note>Reinado de Juliano, hacia el 363.</crm:P3_has_note>

<crm:P39i_was_measured_by>
</crm:P39i_was_measured_by>

<crm:P15_was_influenced_by>palaeographia</crm:P15_was_influenced_by>
</crm:E16_Measurement>
</crm:P39i_was_measured_by>

<crm:P32_used_general_technique>
   <crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/writing/lo"odka"">
      <rdfs:label>Chiselled</rdfs:label>
   </crm:E55_Type>
</crm:P32_used_general_technique>

<crm:P14_carried_out_by>
   <crm:E21_Person>
      <crm:P131_is_identified_by>
         <crm:E82_Actor_Appellation>
            <rdf:value>[AUTHOR NAME]</rdf:value>
         </crm:E82_Actor_Appellation>
      </crm:P131_is_identified_by>
   </crm:E21_Person>
</crm:P14_carried_out_by>

<crm:P17_was_motivated_by>
   <crm:E21_Person>
      <crm:P131_is_identified_by>
         <crm:E82_Actor_Appellation>
            <rdf:value>[DEDICATOR NAME]</rdf:value>
         </crm:E82_Actor_Appellation>
      </crm:P131_is_identified_by>
   </crm:E21_Person>
</crm:P17_was_motivated_by>

<crm:P17_was_motivated_by>
   <crm:E7_Activity>
<crm:P1_is_identified_by>
  <crm:E42_Identifier>
    <rdf:value>[EVENT IDENTIFIER]</rdf:value>
  </crm:E42_Identifier>
</crm:P1_is_identified_by>
</crm:E7_Activity>
</crm:P17_was_motivated_by>
</crm:E12_Production>
</crm:P108i_was_produced_by>
</crm:E84_Information_Carrier></crm:E84_Information_Carrier>

**Restoration (not mandatory, cardinality: 1)**

It contains information regarding whether the inscription has been restored and when.

It is represented by E11 Modification and related to E84 Information Carrier via P31i was modified by.

</crm:E84_Information_Carrier>

<crm:P31i_was_modified_by>
  <crm:E11_Modification>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="ACTIVITY/RESTORATION"/>
    </crm:P2_has_type>
    <crm:P3_has_note>[INFORMATION ABOUT RESTORATION]</crm:P3_has_note>
  </crm:E11_Modification>
</crm:P31i_was_modified_by>
</crm:E84_Information_Carrier></crm:E84_Information_Carrier>

**Comments (not mandatory, cardinality: 1)**

It contains general commentary the epigraphical field of the inscription.

It is represented by an rdf:literal and related to E84 Information Carrier via P3 has note.

</crm:E84_Information_Carrier>

<crm:P3_has_note> Below the lettering of lines 1 and 4 may be seen the graffiti which formed the rough draft of the inscription. These were faithfully followed in the rest of the lines. </crm:P3_has_note>

</crm:E84_Information_Carrier></crm:E84_Information_Carrier>
METADATA ELEMENTS FOR MONUMENT OBJECTS

Monuments may have zero or more epigraphical fields on it, each one containing an inscription. As explained before for epigraphical fields, images representing monuments are related via property P138i has representation. Other visual representations such as videos and 3D models are related via P129i is subject of.

```xml
  <crm:P129i_is_subject_of rdf:resource="http://eda-bea.es/models/1234"/>
</crm:E22_Man-Made_Object>
```

It corresponds in TEI/EpiDoc to

```
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/
```
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

Figure 15 Monument RDF graph representation.
Monument type (mandatory, cardinality: *)

It contains a reference to an element of an EAGLE hierarchical vocabulary for Type of Monuments.

It is represented by E55 Type and related to E22 Man-Made Object via P2 has type.

```xml
    <crm:P2_has_type>
        <crm:E55.Type rdf:about="http://www.eagle-network.eu/voc/objtyp/lod/260">
            <rdfs:label>Placa</rdfs:label>
        </crm:E55.Type>
    </crm:P2_has_type>
</crm:E22_Man-Made_Object>
```

It corresponds in TEI/EpiDoc to

```
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType
```

```xml
e.g.
<physDesc>
    <objectDesc>
        <supportDesc>
            <support>
                <objectType ref="Type of Monument URI">Type of Monument</objectType>
                ...
            </support>
        </supportDesc>
    </objectDesc>
</physDesc>
```

```xml
Placa</objectType>
    ...
</support>
</supportDesc>
```

Material (mandatory, cardinality: *)

One or more EAGLE vocabulary elements specifying the materials of which the object is composed.

It is represented by E57 Material and related to E22 Man-Made Object via P45 consist of

```xml
  <crm:P45_consists_of>
    <crm:E57_Material rdf:about="http://www.eagle-network.eu/voc/material/lod/2">
      <rdfs:label>Piedra</rdfs:label>
    </crm:E57_Material>
  </crm:P45_consists_of>
  <crm:P45_consists_of>
    <crm:E57_Material rdf:about="http://www.eagle-network.eu/voc/material/lod/32">
      <rdfs:label>Lumaquela</rdfs:label>
    </crm:E57_Material>
  </crm:P45_consists_of>
</crm:E22_Man-Made_Object>
```

It corresponds in TEI/EpiDoc to

`/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material`

```xml
<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        ...
        <material ref="material URI">MATERIAL</material>
        ...
      </support>
    </supportDesc>
  </objectDesc>
</physDesc>
```

E.g.

```xml
<physDesc>
  <objectDesc>
    ...
    <material ref="material URI">MATERIAL</material>
    ...
  </objectDesc>
</physDesc>
```
Description (not mandatory but strongly recommended, cardinality: 1)

It contains one paragraph describing the object.

It is represented by rdf:literal and related to E22 Man-Made Object via P3 has note

  
  <crm:P3_has_note>Fragmento de placa de mármol blanco de Macael con la superficie pulimentada y sin adornos. Presenta una moldura simple en los tres lados conservados. Una línea incisa recorre el campo epigráfico enmarcándolo.</crm:P3_has_note>

</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p

<physDesc>
  
  <objectDesc>
    <supportDesc>
      <support>
        ...
      
      <p>OBJECT DESCRIPTION</p>
      ...
    </support>
  
  </supportDesc>

  </objectDesc>

</physDesc>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

e.g.

<physDesc>
  <objectDesc>
    <supportDesc>
      <support>

      ...<p part="N">Fragmento de placa de mármol blanco de Macael con la superficie pulimentada y sin adornos. Presenta una moldura simple en los tres lados conservados. Una línea incisa recorre el campo epigráfico enmarcándolo.</p>

      ...
    </support>
  </supportDesc>
</objectDesc>
</physDesc>

Monument height (not mandatory but recommended, cardinality: 1)

It contains the height of the monument in centimetres.

It is represented by E54 Dimension and related to E22 Man-Made Object via P43 has dimension


  <crm:P43_has_dimension>
    <crm:E54_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="cm"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/HEIGHT"/>
      </crm:P2_has_type>
      <crm:P90_has_value>41</crm:P90_has_value>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>
</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height

<physDesc>
  <objectDesc>
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

Monument width (not mandatory but recommended, cardinality: 1)

It contains the width of the monument in centimetres.

It is represented by E54 Dimension and related to E22 Man-Made Object via P43 has dimension

EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="cm"/>
    </crm:P91_has_unit>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="DIMENSION/WIDTH"/>
    </crm:P2_has_type>
    <crm:P90_has_value>55</crm:P90_has_value>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/supp ort/dimensions/width

<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        ...
        <dimensions unit="cm">
          <height>HEIGHT</height>
          <width>WIDTH</width>
          <depth>DEPTH</depth>
        </dimensions>
      <support>
    </supportDesc>
  </objectDesc>
</physDesc>

e.g.
<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        ...
        <dimensions unit="cm">
          <height>41.0</height>
        </dimensions>
      </support>
    </supportDesc>
  </objectDesc>
</physDesc>
Monument depth (not mandatory but recommended, cardinality: 1)

It contains the depth of the monument in centimetres.

It is represented by E54 Dimension and related to E22 Man-Made Object via P43 has dimension

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth
Decoration (not mandatory, cardinality: *)

This field contains a word or phrase describing the decoration of the object being described. An EAGLE vocabulary will be used although free text will be allowed too.

It is represented by E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration which is defined as follow:

```xml
<rdf:Property rdf:ID="PEGL_has_decoration">
  <rdfs:domain rdf:resource="E1_CRM_Entity"/>
  <rdfs:range rdf:resource="E55_Type"/>
  <rdfs:subPropertyOf rdf:resource="P2_has_type"/>
</rdf:Property>
```
<crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/decor/lod/164">
  <rdfs:label>Hexágono</rdfs:label>
</crm:E55_Type>
"</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/supportDesc/supportDesc/rs
<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        ...
        <rs type="decoration" ref="Decoration URI">DECORATION</rs>
        ...
      </support>
    </supportDesc>
  </objectDesc>
</physDesc>
e.g.
<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        ...
        <rs type="decoration" ref="http://www.eagle-network.eu/voc/decor/lod/164">Hexágono</rs>
        ...
      </support>
    </supportDesc>
  </objectDesc>
</physDesc>

**State of preservation (not mandatory, cardinality: 1)**

This field contains a word or phrase describing the status of preservation of the object being described. A small EAGLE vocabulary can be used. Free text will be allowed as well.

It is represented by **E3 Condition State related to** E22 Man-Made Object via **P44 has condition**
    <crm:P44_has_condition>
        <crm:E3_Condition_State rdf:about="http://www.eagle-network.eu/voc/statepreserv/lod/6">
            <rdfs:label>Fragmentaria</rdfs:label>
        </crm:E3_Condition_State>
    </crm:P44_has_condition>
</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs
<physDesc>
    <objectDesc>
        <supportDesc>
            <support>
                ...
            </support>
            <rs type="statConservation" ref="Status of Conservation URI">STATUS OF CONSERVATION</rs>
                ...
        </supportDesc>
    </objectDesc>
</physDesc>

e.g.
<physDesc>
    <objectDesc>
        <supportDesc>
            <support>
                ...
            </support>
            <rs type="statConservation" ref="http://www.eagle-network.eu/voc/statepreserv/lod/6">Fragmentaria</rs>
                ...
        </supportDesc>
    </objectDesc>
</physDesc>
Ancient find spot (not mandatory, cardinality: 1)

The event of finding the object is modelled here using $E7$ Activity related to $E22$ Man-Made Object via property $P16i$ was used for.

The element ancient find spot consists of the name of the ancient find spot where the monument was found. A Trismegistos reference to the Trismegistos Geo ID (TM_geoID) that corresponds to this toponym is also registered when possible.

First, an instance of $E53$ Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property $P89$ falls within. The name of the ancient find spot is then recorded by an instance of $E44$ Place Appellation and related to $E53$ Place via $P87$ is identified by. The Trismegistos Geo ID is recorded using an instance of $E42$ Identifier and related to $E53$ Place via $P48$ has preferred identifier.

```xml
    <crm:P16i_was_used_for>
        <crm:E7_Activity>
            <crm:P2_has_type rdf:value="ACTIVITY/FOUND"/>
            <crm:P7_took_place_at>
                <crm:E53_Place>
                    <crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place1"/>
                    <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2522483/"/>
                </crm:E53_Place>
            </crm:P7_took_place_at>
            <crm:P4_has_time-span>
                <crm:E52_Time-Span>
                    <crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within>
                </crm:E52_Time-Span>
            </crm:P4_has_time-span>
        </crm:E7_Activity>
    </crm:P16i_was_used_for>
</crm:E22_Man-Made_Object>
```

```xml
<crm:E53_Place rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place1">
    <crm:P87_is_identified_by>
```

Page 127 of 389
<crm:E44_Place_Appellation>
  <rdf:value>Alba Bastetanorum</rdf:value>
</crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P48_has_preferred_identifier>
  <crm:E42_Identifier>
    <rdf:about="http://www.trismegistos.org/place/26567"/>
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/TRISMEGISTOS/PLACE</rdf:value>
      </crm:E55_Type>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="PLACE/ANCIENTPLACE"/>
      </crm:P2_has_type>
    </crm:E42_Identifier>
  </crm:P48_has_preferred_identifier>
  <crm:P2_has_type>
    <crm:E55_Type rdf:value="PLACE/ANCIENTPLACE"/>
  </crm:P2_has_type>
</crm:E53_Place>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName
and
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName/@ref
<origin>
  <origPlace>
    ...
    <placeName ref="www.trismegistos.org/place/ID">ANCIENT FIND SPOT</placeName>
  </origPlace>
</origin>
e.g.
<origin>
  <origPlace>
    ...
    <placeName ref="www.trismegistos.org/place/26567">Alba Bastetanorum</placeName>
</origin>
Roman Province / Italic Region (not mandatory, cardinality: 1)

It consists of the name of the roman province or italic region where that contains the place where the monument was found. A Trismegistos reference to the Trismegistos Geo ID (TM_geoID) that corresponds to this toponym is also registered when possible.

First an instance of $E53$ Place is created to represent the roman province or italic region and related to another instance of the same class that represents the ancient finding place through property $P89$ falls within. The name of the roman province or italic region is then recorded by an instance of $E44$ Place Appellation and related to $E53$ Place via $P87$ is identified by. The Trismegistos Geo ID is recorded using an instance of $E42$ Identifier and related to $E53$ Place via $P48$ has preferred identifier.

```xml
  <crm:P16i_was_used_for>
    <crm:E7_Activity>
      <crm:P2_has_type rdf:value="ACTIVITY/FOUND"/>
      <crm:P7_took_place_at>
        <crm:E53_Place>
          <crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place1"/>
          <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2522483/"/>
        </crm:E53_Place>
      </crm:P7_took_place_at>
      <crm:P4_has_time-span>
        <crm:E52_Time-Span>
          <crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within>
        </crm:E52_Time-Span>
      </crm:P4_has_time-span>
    </crm:E7_Activity>
  </crm:P16i_was_used_for>
</crm:E22_Man-Made_Object>
```

<crm:E53_Place rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place1"/>
EAGLE metadata model specification

<crm:P87_is_identified_by>
  <crm:E44_Place_Appellation>
    <rdf:value>Alba Bastetanorum</rdf:value>
  </crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P48_has_preferred_identifier>
  <crm:E42_Identifier rdf:about="http://www.trismegistos.org/place/26567">
    <rdf:value>26567</rdf:value>
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/TRISMEGISTOS/PLACE</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:E42_Identifier>
</crm:P48_has_preferred_identifier>

<crm:P2_has_type>
  <crm:E55_Type rdf:value="PLACE/ANCIENTPLACE"/>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place2"/>

<crm:E53_Place rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place2">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Hispania Citerior</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>

  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier rdf:about="http://www.trismegistos.org/place/16933">
      <rdf:value>16933</rdf:value>
      <crm:P2_has_type>
        <crm:E55_Type>
          <rdf:value>IDENTIFIER/TRISMEGISTOS/PLACE</rdf:value>
        </crm:E55_Type>
      </crm:P2_has_type>
    </crm:E42_Identifier>
  </crm:P48_has_preferred_identifier>
</crm:E53_Place>
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName
and
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName/@ref
<origin>
  <origPlace>
    <placeName ref="www.trismegistos.org/place/ID" type="provinceItalicRegion">PROVINCE-ITALIC REGION</placeName>
    ... 
  </origPlace>
</origin>
e.g.
<origin>
  <origPlace>
    <placeName ref="www.trismegistos.org/place/16933" type="provinceItalicRegion">Hispania Citerior</placeName>
    ... 
  </origPlace>
</origin>

**Modern find spot (not mandatory, cardinality: 1)**

It consists of the name of the modern place that contains the place where the monument was found. A reference to the Geonames identifier corresponding to this toponym is also registered when possible.

First an instance of E53 Place is created to represent the modern finding spot and related to another instance of the same class that represents the exact location where the object was found via property P89 falls within. The name of the roman province or italic region is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.


---

34 Online Geographical Database, for more information see [http://www.geonames.org/](http://www.geonames.org/)
<crm:P16i_was_used_for>
  <crm:E7_Activity>
    <crm:P2_has_type rdf:value="ACTIVITY/FOUND"/>
    <crm:P7_took_place_at>
      <crm:E53_Place>
        <crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place1"/>
        <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2522483/"/>
      </crm:E53_Place>
    </crm:P7_took_place_at>
    <crm:P4_has_time-span>
      <crm:E52_Time-Span>
        <crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within>
      </crm:E52_Time-Span>
    </crm:P4_has_time-span>
  </crm:E7_Activity>
</crm:P16i_was_used_for>
</crm:E22_Man-Made_Object>
<crm:E53_Place rdf:about="http://sws.geonames.org/2522483/">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Alba</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>
  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier>
      <rdf:value>2522483</rdf:value>
    </crm:E42_Identifier>
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/GEONAMES</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:P48_has_preferred_identifier>
</crm:E53_Place>
<crm:P2_has_type>
  <crm:E55_Type rdf:value="PLACE/MODERNPLACE"/>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

It consists of the name of the modern province that contains the place where the monument was found. A reference to the Geonames identifier corresponding to this toponym is also registered when possible.

First an instance of E53 Place is created to represent the modern province and related to another instance of the same class that represents the modern finding spot via property P89 falls within. The name of the modern province is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.

Modern province (not mandatory, cardinality: 1)

35 Online Geographical Database, for more information see http://www.geonames.org/
It corresponds in TEI/EpifDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

<provenance type="found">
  
  <placeName type="modernProvince" ref="http://www.geonames.org/GEONAMES ID">PROVINCE</placeName>
</provenance>

e.g.

<provenance type="found">
  
  <placeName type="modernProvince" ref="http://www.geonames.org/2521883">Almeria</placeName>
</provenance>
Modern region (not mandatory, cardinality: 1)

It consists of the name of the modern region that contains the place where the monument was found. A reference to the Geonames\textsuperscript{36} identifier corresponding to this toponym is also registered when possible.

First an instance of $E53$ Place is created to represent the modern region and related to another instance of the same class that represents the modern province via property $P89$ falls within. The name of the modern region is then recorded by an instance of $E44$ Place Appellation and related to $E53$ Place via $P87$ is identified by. The Geonames ID is recorded using an instance of $E42$ Identifier and related to $E53$ Place via $P48$ has preferred identifier.

\begin{verbatim}
  <crm:P16i_was_used_for>
    <crm:E7_Activity>
      <crm:P2_has_type rdf:value="ACTIVITY/FOUND"/>
    </crm:E7_Activity>
    <crm:P7_took_place_at>
      <crm:E53_Place>
        <crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place1"/>
        <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2522483/"/>
        </crm:E53_Place>
    </crm:P7_took_place_at>
    <crm:P4_has_time-span>
      <crm:E52_Time-Span>
        <crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within>
      </crm:E52_Time-Span>
    </crm:P4_has_time-span>
  </crm:P16i_was_used_for>
</crm:E22_Man-Made_Object>
<crm:E53_Place rdf:about="http://sws.geonames.org/2521883/">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
    <crm:E7_Activity
  </crm:E53_Place>
\end{verbatim}

\textsuperscript{36} Online Geographical Database, for more information see \url{http://www.geonames.org/}

Almería

Andalucía

Andalucía

Andalucía
It corresponds in TEI/EpiDoc to 
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

Modern Country (not mandatory, cardinality: 1)

It consists of the name of the modern country that contains the place where the monument was found. A reference to the Geonames identifier corresponding to this toponym is also registered when possible.

First an instance of E53 Place is created to represent the modern country and related to another instance of the same class that represents the modern region via property P89 falls within. The name of the modern country is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.

Online Geographical Database, for more information see http://www.geonames.org/
<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2522483/">
  <crm:E53_Place>
    <crm:P7_took_place_at>
      <crm:P4_has_time-span>
        <crm:E52_Time-Span>
          <crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within></crm:E52_Time-Span>
        </crm:P4_has_time-span>
      </crm:P7_took_place_at>
    </crm:E53_Place>
  </crm:E53_Place>
</crm:E7_Activity>
</crm:P16i_was_used_for>
</crm:E22_Man-Made_Object>

<crm:E53_Place rdf:about="http://sws.geonames.org/2521883/">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Almería</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>
  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier>
      <rdf:value>2521883</rdf:value>
    </crm:E42_Identifier>
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/GEONAMES</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:P48_has_preferred_identifier>

  <crm:P2_has_type>
    <crm:E55_Type rdf:value="PLACE/MODERNPROVINCE"/>
  </crm:P2_has_type>

  <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2593109/"/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2593109/">
  <crm:P87_is_identified_by>
</crm:P87_is_identified_by>
<crm:E44_Place_Appellation>
    <rdf:value>Andalucía</rdf:value>
</crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P48_has_preferred_identifier>
    <crm:E42_Identifier>
        <rdf:value>2593109</rdf:value>
        <crm:P2_has_type>
            <crm:E55_Type>
                <rdf:value>IDENTIFIER/GEONAMES</rdf:value>
            </crm:E55_Type>
        </crm:P2_has_type>
        <crm:E42_Identifier>
        </crm:E42_Identifier>
    </crm:E42_Identifier>
</crm:P48_has_preferred_identifier>

<crm:P2_has_type>
    <crm:E55_Type rdf:value="PLACE/MODERNREGION"/>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2510769/"/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2510769/">
    <crm:P87_is_identified_by>
        <crm:E44_Place_Appellation>
            <rdf:value>España</rdf:value>
        </crm:E44_Place_Appellation>
    </crm:P87_is_identified_by>

    <crm:P48_has_preferred_identifier>
        <crm:E42_Identifier>
            <rdf:value>2510769</rdf:value>
            <crm:P2_has_type>
                <crm:E55_Type>
                    <rdf:value>IDENTIFIER/GEONAMES</rdf:value>
                </crm:E55_Type>
            </crm:P2_has_type>
            <crm:E42_Identifier>
            </crm:E42_Identifier>
        </crm:E42_Identifier>
    </crm:P48_has_preferred_identifier>

    <crm:P2_has_type>
        <crm:E55_Type rdf:value="PLACE/MODERNCOUNTRY"/>
    </crm:P2_has_type>
</crm:E53_Place>
It corresponds in TEI/EpiDoc to 
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName

<provenance type="found"> ...
   <placeName type="modernCountry" ref="http://www.geonames.org/GEONAMES ID">COUNTRY</placeName> ...
</provenance>

e.g.
<provenance type="found"> ...
   <placeName type="modernCountry" ref="http://www.geonames.org/2510769">España</placeName> ...
</provenance>

**Year of finding (not mandatory, cardinality: 1)**

It consists of a value representing the year of finding of the monument.

It is represented by E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span.

   <crm:P16i_was_used_for>
      <crm:E7_Activity>
         <crm:P2_has_type rdf:value="ACTIVITY/FOUND"/>

         <crm:P7_took_place_at>
            <crm:E53_Place>
               <crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place1"/>
               <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2522483/"/>
            </crm:E53_Place>
            <crm:P7_took_place_at>
               <crm:P4_has_time-span>

Page 141 of 389
<crm:E52_Time-Span>
<crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within>
</crm:E52_Time-Span>
</crm:P4_has_time-span>
</crm:E7_Activity>
</crm:P16i_was_used_for>
</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when

<provenance type="found" when="YEAR OF FINDING">
 ...
</provenance>

E.g.

<provenance type="found" when="1968">
 ...
</provenance>

**Place of Conservation (not mandatory, cardinality: *)**

It consists of the name of the current place where the monument is kept for conservation. A reference to the Geonames identifier corresponding to this toponym is also registered when possible.

First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.


<crm:P55_has_current_location
 rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place?”/>

</crm:E22_Man-Made_Object>

<crm:E53_Place rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place?”>

</crm:E53_Place>

38 Online Geographical Database, for more information see [http://www.geonames.org/](http://www.geonames.org/)
<crm:P87_is_identified_by>
  <crm:E44_Place_Appellation>
    <rdf:value>Museo Arqueológico y Etnológico de Granada</rdf:value>
  </crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P2_has_type>
  <crm:E55_Type rdf:value="repository"/>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2593109/">
</crm:E53_Place>

It corresponds in TEI/EpiDoc to

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement

<msDesc>
  <msIdentifier>
    <country>
      <placeName type="modern" ref="TMgeo_id">COUNTRY</placeName>
    </country>
    <region>
      <placeName type="modern" ref="TMgeo_id">REGION</placeName>
    </region>
    <settlement>
      <placeName type="modern" ref="TMgeo_id">PLACE OF CONSERVATION</placeName>
    </settlement>
  </msIdentifier>
</msDesc>

... e.g.

<msDesc>
  <msIdentifier>
    <country>
      <placeName type="modern" ref="855">Spain</placeName>
    </country>
  </msIdentifier>
</msDesc>
Sometimes we have objects that are physically fragmented into several parts, but still considered as single objects, even when the fragments are preserved in different locations. For those cases, an alternative TEI/EpiDoc encoding will be used. For each fragment, an `<altIdentifier>` will be included under `<msIdentifier>`. The `<altIdentifier>` element as the `<msIdentifier>` element may contain entries for country, region, museum (repository), position (collection) and inventory number (idno) as shown below:

```xml
<msDesc>
  <msIdentifier>
    <altIdentifier type="partial">
      <country>
        <placeName type="modern">Country of first fragment</placeName>
      </country>
      <region>
        <placeName type="modern">Region of first fragment</placeName>
      </region>
      <settlement>
        <placeName>Place of conservation of first fragment</placeName>
      </settlement>
      <repository>Museum of first fragment</repository>
      <collection>Position of first fragment</collection>
      <idno>Inventory number of first fragment</idno>
    </altIdentifier>
    <altIdentifier type="partial">
      <country>
        <placeName type="modern">Country of second fragment</placeName>
      </country>
      <region>
        <placeName type="modern">Region of second fragment</placeName>
      </region>
    </altIdentifier>
  </msIdentifier>
...
Region of conservation (not mandatory, cardinality: *)

It consists of the name of the current region where the monument is kept for conservation. A reference to the Geonames\(^\text{39}\) identifier corresponding to this toponym is also registered when possible.

First an instance of \(E53\) Place is created to represent the region of conservation and related to the instance of the same class that represents the place of conservation via property \(P89\) falls within. The name of the region of conservation is then recorded by an instance of \(E44\) Place Appellation and related to \(E53\) Place via \(P87\) is identified by. The Geonames ID is recorded using an instance of \(E42\) Identifier and related to \(E53\) Place via \(P48\) has preferred identifier.

39 Online Geographical Database, for more information see [http://www.geonames.org/](http://www.geonames.org/)
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/region/placename
<msDesc>
  <msIdentifier>
    <country>
      <placeName type="modern" ref="TMgeo_id">COUNTRY
    </placeName>
  </country>
  <region>
    <placeName type="modern" ref="TMgeo_id">REGION
Country of conservation (not mandatory, cardinality: *)

It consists of the name of the current country where the monument is kept for conservation. A reference to the Geonames\(^\text{40}\) identifier corresponding to this toponym is also registered when possible.

\(^{40}\)Online Geographical Database, for more information see [http://www.geonames.org/](http://www.geonames.org/)
First an instance of $E53$ Place is created to represent the country of conservation and related to the instance of the same class that represents the region of conservation via property $P89$ falls within. The name of the country of conservation is then recorded by an instance of $E44$ Place Appellation and related to $E53$ Place via $P87$ is identified by. The Geonames ID is recorded using an instance of $E42$ Identifier and related to $E53$ Place via $P48$ has preferred identifier.

```xml
    <crm:P55_has_current_location rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place7"/>
</crm:E22_Man-Made_Object>

<crm:E53_Place rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place7">
    <crm:P87_is_identified_by>
        <crm:E44_Place_Appellation>
            <rdf:value>Museo Arqueológico y Etnológico de Granada</rdf:value>
        </crm:E44_Place_Appellation>
    </crm:P87_is_identified_by>
    <crm:P2_has_type>
        <crm:E55_Type rdf:value="repository"/>
    </crm:P2_has_type>
    <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2593109/"/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2593109/">
    <crm:P87_is_identified_by>
        <crm:E44_Place_Appellation>
            <rdf:value>Andalucía</rdf:value>
        </crm:E44_Place_Appellation>
    </crm:P87_is_identified_by>
    <crm:P48_has_preferred_identifier>
        <crm:E42_Identifier>
            <rdf:value>2593109</rdf:value>
        </crm:E42_Identifier>
    </crm:P48_has_preferred_identifier>
    <crm:P2_has_type>
        <crm:E55_Type>
            <rdf:value>IDENTIFIER/GEONAMES</rdf:value>
        </crm:E55_Type>
    </crm:P2_has_type>
</crm:E53_Place>
```
<crm:P2_has_type>
  <crm:E42_Identifier>
    <rdf:value>PLACE/MODERNREGION</rdf:value>
  </crm:E42_Identifier>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2510769/"/>

</crm:E53_Place>
<crm:E53_Place rdf:about="http://sws.geonames.org/2510769/">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>España</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>

  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier>
      <rdf:value>2510769</rdf:value>
    </crm:E42_Identifier>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="IDENTIFIER/GEONAMES"></crm:E55_Type>
    </crm:P2_has_type>
  </crm:P48_has_preferred_identifier>

  <crm:P2_has_type>
    <crm:E55_Type rdf:value="PLACE/MODERNCOUNTRY"/>
  </crm:P2_has_type>
</crm:E53_Place>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placename

<msDesc>
  <msIdentifier>
    <country>
      <placeName type="modern" ref="TMgeo_id">COUNTRY</placeName>
    </country>
  </msIdentifier>
</msDesc>
Museum (not mandatory, cardinality: 1)

It contains a reference to the Trismegistos Collection ID that identifies the repository where the object is stored.

It is represented by `E39 Actor related to E22 Man-Made Object via P50 has current keeper`. 

  <crm:P50_has_current_keeper
      rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#museum1"/>
</crm:E22_Man-Made_Object>

It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository
<msDesc>
  <msIdentifier>
    ...
    <repository ref="TM_collection_URI">REPOSITORY NAME</repository>
    <collection>POSITION</collection>
    ...
  </msIdentifier>
  ...
</msDesc>

E.g.
<msDesc>
  <msIdentifier>
    ...
    <repository ref="www.trismegistos.org/collection/1474">Museo Arqueológico y Etnológico de Granada</repository>
    <collection>Gallery A</collection>
    ...
  </msIdentifier>
  ...
</msDesc>

**Position (not mandatory, cardinality: 1)**

It contains a value representing the position of the monument within the museum or institution where it is kept for conservation.

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection
<msDesc>
  <msIdentifier>
    ...
  </msIdentifier>
  ...
</msDesc>
Inventory Number (not mandatory, cardinality: 1)

It contains an identifier number assigned to the monument object by the institution that keeps it.

It is represented by E42 Identifier related to E22 Man-Made Object via P1 is identified by.

```xml
<crm:P1_is_identified_by>
  <crm:E42_Identifier rdf:value="1854">
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/INVENTORYNUMBER</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
    <crm:P371_was_assigned_by>
      <crm:E15_Identifier_Assignment>
        <crm:P14_carried_out_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#museum1"/>
      </crm:E15_Identifier_Assignment>
    </crm:P371_was_assigned_by>
  </crm:E42_Identifier>
</crm:P1_is_identified_by>
```
It corresponds in TEI/EpiDoc to
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno

It corresponds in TEI/EpiDoc to /TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno

<msDesc>
  <msIdentifier>
    ...
    <idno>Identifier Number</idno>
    ...
  </msIdentifier>
  ...
</msDesc>

e.g.
<msDesc>
  <msIdentifier>
    ...
    <idno>1854</idno>
    ...
  </msIdentifier>
  ...
</msDesc>

**METADATA ELEMENTS FOR TRANSLATION OBJECTS**

Translations are represented by instances of E33 *Linguistic Object* and linked from E34 *Inscription* via property P73 has translation.

  ...
</crm:E33_Linguistic_Object>
Figure 16 Translation RDF graph representation.
Translation text (not mandatory, cardinality: 1)

This element contains the translation of the text of the inscription into some language.

It is represented by `rdf:literal` and related to `E33 Linguistic Object via P3 has note`

```xml
  <crm:P3_has_note>Militias nobis et praemia [Caesar iunxit]/ accep
 gemini bis praemia [Caesar iunxit]/ accep
  gemini bis praemia [Caesar iunxit]/ accep
  gemini bis praemia [Caesar iunxit]/ accep
torquis turmae] / Armigerae primum comes al[terum] / Palatinarum
  custos dat[us ita
  nosstras] / auxit fortunas ut avunc[uli Constantini] / olim sacrat
de nomin[eanostr]
  decorar]<crm:P3_has_note>
</crm:E33_Linguistic_Object>
```

It corresponds in TEI/EpiDoc to `/TEI/text/body/div/head/TEI/text/body/div/ab`

In this case, the `@n` attribute will indicate the internal identifier of the translation within the content provider repository.

```xml
<text>
  <body>
    ...
    <div type="translation" xml:lang="LANGUAJE" n="TRANSLATION ID"/>
  ...
</body>
</text>
```

E.g.

```xml
<text>
  <body>
    ...
    <div type="translation" xml:lang="es" part="N" org="uniform"
      sample="complete" n="1"/>
  ...
</body>
</text>
```

Translation language (not mandatory, cardinality: 1)

It contains a text indicating the language into which the text of the inscription was translated. Language tags are those recommended by BCP 47.

It is represented by `E56 Language` and related to `E33 Linguistic Object via P72 has language`. 

Page 155 of 389
It corresponds in TEI/EpiDoc to /TEI/text/body/div/head/TEI/text/body/div/@xml:lang<text>
  <body>
    ...
    <div type="translation" xml:lang="LANGUAJE" n="TRANSLATION ID"/>
    ...
  </body>
</text>
e.g.
<text>
  <body>
    ...
    <div type="translation" xml:lang="es" part="N" org="uniform"
      sample="complete" n="1"/>
    ...
  </body>
</text>

Translation author (not mandatory, cardinality: *)

This element contains the name of the translator of the text of the inscription. The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.

<text>
  <body>
    ...
    <div type="translation" xml:lang="es" part="N" org="uniform"
      sample="complete" n="1"/>
    ...
  </body>
</text>
Translation rights (mandatory, cardinality: 1)

It contains the type of licence assigned to the translated text.

It is represented by E30 Right and related to E33 Linguistic Object via property P104 is subject to.

Publication title (mandatory, cardinality: 1)

If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.
EAGLE Deliverable 3.1.2  
EAGLE metadata model specification

```xml
<crm:P2_has_type>
  <crm:E55_Type>
    <rdf:value>ACTIVITY/PUBLICATION</rdf:value>
  </crm:E55_Type>
</crm:P2_has_type>

<crm:P102_has_title>PUBLICATION TITLE</crm:P102_has_title>
<crm:P4_has_time-span>
  <crm:E52_Time-Span>
    <crm:P82_at_some_time_within>PUBLICATION YEAR</crm:P82_at_some_time_within>
  </crm:E52_Time-Span>
</crm:P4_has_time-span>

<crm:P7_took_place_at>
  <crm:E55_Place>
    <crm:P87_is_identified_by>
      <crm:E44_Place_Appellation>
        <rdf:value>PUBLICATION PLACE</rdf:value>
      </crm:E44_Place_Appellation>
    </crm:P87_is_identified_by>
  </crm:E55_Place>
</crm:P7_took_place_at>

<crm:P11_had_participant>
  <crm:E39_Actor
    rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#publicationauthor1"/>
</crm:P11_had_participant>

</crm:E33_Linguistic_Object>

**Year of publication (not mandatory, cardinality: 1)**

It contains a value that corresponds to the publication year of this translation.

It is represented by E52 Time Span and related to the E7 Activity via P4 has time span.


</crm:E33_Linguistic_Object>
<crm:P16i_was_used_for>
</crm:P16i_was_used_for>
</crm:E7_Activity>
```

Page 158 of 389
<crm:P2_has_type>
  <crm:E55_Type>
    <rdf:value>ACTIVITY/PUBLICATION</rdf:value>
  </crm:E55_Type>
</crm:P2_has_type>

<crm:P102_has_title>PUBLICATION TITLE</crm:P102_has_title>

<crm:P4_has_time-span>
  <crm:E52_Time-Span>
    <crm:P82_at_some_time_within>PUBLICATION YEAR</crm:P82_at_some_time_within>
  </crm:E52_Time-Span>
</crm:P4_has_time-span>

<crm:P7_took_place_at>
  <crm:E55_PLACE>
    <crm:P87_is_identified_by>
      <crm:E44_Place_Appellation>
        <rdf:value>PUBLICATION PLACE</rdf:value>
      </crm:E44_Place_Appellation>
    </crm:P87_is_identified_by>
  </crm:E55_PLACE>
</crm:P7_took_place_at>

<crm:P11_had_participant>
  <crm:E39_Actor
    rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#publicationauthor1"/>
</crm:P11_had_participant>

</crm:E7_Activity>
</crm:P16i_was_used_for>

</crm:E33_Linguistic_Object>

**Place of publication (not mandatory, cardinality: 1)**

It shows the publication place of this translation document.

It is represented by *E53 Place* and related to the *E7 Activity* via *P7 took place at*.

  <crm:P16i_was_used_for>
    <crm:E7_Activity>
      
    </crm:E7_Activity>
  </crm:P16i_was_used_for>
</crm:E33_Linguistic_Object>
Publication author (not mandatory, cardinality: 1)

This element shows the name of the author of the publication that contains this translation. It is represented by E39 Actor and related to the E7 Activity via P11 had participant.
<crm:P2_has_type>
    <crm:E55_Type>
        <rdf:value>ACTIVITY/PUBLICATION</rdf:value>
    </crm:E55_Type>
</crm:P2_has_type>

<crm:P102_has_title>PUBLICATION TITLE</crm:P102_has_title>

<crm:P4_has_time-span>
    <crm:E52_Time-Span>
        <crm:P82_at_some_time_within>PUBLICATION YEAR</crm:P82_at_some_time_within>
    </crm:E52_Time-Span>
</crm:P4_has_time-span>

<crm:P7_took_place_at>
    <crm:E55_Place>
        <crm:P87_is_identified_by>
            <crm:E44_Place_Appellation>
                <rdf:value>PUBLICATION PLACE</rdf:value>
            </crm:E44_Place_Appellation>
        </crm:P87_is_identified_by>
    </crm:E55_Place>
</crm:P7_took_place_at>

<crm:P11_had_participant>
    <crm:E39_Actor
        rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#publicationauthor1"
    />
</crm:P11_had_participant>

</crm:E7_Activity>
</crm:P16i_was_used_for>

</crm:E33_Linguistic_Object>
<crm:E39_Actor rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#publicationauthor1">
    <crm:P131_is_identified_by>
        <crm:E82_Actor_Appellation>
            <rdf:value>[Publication author name]</rdf:value>
        </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
</crm:E39_Actor>
COMMON METADATA ELEMENTS FOR VISUAL REPRESENTATION OBJECTS

Visual representations are represented by instances of \textit{E73 Information Object} and its subclass \textit{E38 Image}.

\begin{verbatim}
...
</crm: E73_Information_Object >
\end{verbatim}

These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types:

- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

All of them share the following properties:

\textbf{Object identification within the content provider repository (mandatory, cardinality: 1)}

It contains the identifier of the object being described within the content provider repository.

\begin{verbatim}
  <crm:P1_is_identified_by>
    <crm:E42_Identifier>
      <rdf:value>11</rdf:value>
    </crm:E42_Identifier>
  </crm:P1_is_identified_by>
</crm: E73_Information_Object >
\end{verbatim}

It corresponds in TEI/EpiDoc to \texttt{/TEI/facsimile/graphic/@n}.

\begin{verbatim}
<facsimile>
  <graphic url="RESOURCE FILE URL" n="RESOURCE ID">
    ...
  </graphic>
</facsimile>
\end{verbatim}
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

Visual representation URL (mandatory, cardinality: 1)
It contains the URL to the resource file.

It is represented by E42 Identifier and related to E73 Information Object via P1 is identified by.

```
    <crm:P1_is_identified_by>
        <crm:E42_Identifier>
            <crm:P2_has_type>
                <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
            </crm:P2_has_type>
        </crm:E42_Identifier>
    </crm:P1_is_identified_by>
</crm: E73_Information_Object >
```

It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url.

```
<facsimile>
    <graphic url="RESOURCE FILE URL" n="RESOURCE ID">
        ...
    </graphic>
</facsimile>
```

e.g.
```
<facsimile>
    <graphic url="http://eda-bea.es/helper/img_wrapper.php?img=1.png" n="11">
        ...
    </graphic>
</facsimile>
```

Visual representation title (mandatory, cardinality: 1)
It contains a text to help identify this resource.

Page 163 of 389
It is represented by \texttt{E35 Title} and related to \texttt{E73 Information Object} via \texttt{P102 has title}.

\begin{verbatim}
  <crm:P102_has_title>
    <crm:E35_Title>
      <crm:value>Fragmento del epitafio de un militar</crm:value>
    </crm:E35_Title>
  </crm:P102_has_title>
</crm:E73_Information_Object >
\end{verbatim}

**Visual representation type (mandatory, cardinality: 1)**

It shows the type of this resource file (Drawing, Photo, Digitized literature, Computer graphics).

It is represented by \texttt{E55 Type} and related to \texttt{E73 Information Object} via \texttt{P2 has type}.

\begin{verbatim}
  <crm:P2_has_type>
    <crm:E55_Type>
      <rdf:value>REPRESENTATION/TYPE/IMAGE</rdf:value>
    </crm:E55_Type>
  </crm:P2_has_type>
</crm:E73_Information_Object >
\end{verbatim}

**Visual representation format (not mandatory, cardinality: 1)**

This element contains a value that indicates the format of this digital resource.

It is represented by \texttt{E55 Type} and related to \texttt{E73 Information Object} via \texttt{P2 has type}.

\begin{verbatim}
  <crm:P2_has_type>
    <crm:E55_Type>
      <rdf:value>REPRESENTATION/FORMAT/JPEG</rdf:value>
    </crm:E55_Type>
  </crm:P2_has_type>
</crm:E73_Information_Object >
\end{verbatim}

**Visual representation inventory number (not mandatory, cardinality: 1)**

It contains an identifier number for the object within the repository.
It is represented by \textit{E42 Identifier} related to \textit{E73 Information Object} via \textit{P1 is identified by}.

\begin{verbatim}
  <crm:P1_is_identified_by>
    <crm:E42_Identifier rdf:value="12345">
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="IDENTIFIER/INVENTORYNUMBER"/>
      </crm:P2_has_type>
    </crm:E42_Identifier>
  </crm:P1_is_identified_by>
</crm:E73_Information_Object>
\end{verbatim}

\textbf{Visual representation rights (mandatory, cardinality: 1)}

It contains the type of licence assigned to this visual resource.

\begin{verbatim}
  <crm:P104_is_subject_to>
    <crm:E30_Right>
      <crm:P2_has_type rdf:resource="http://creativecommons.org/licenses/by-sa/3.0/"/>
      <rdfs:label>Licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported licence.</rdfs:label>
      <crm:P75i_is_possessed_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder1"/>
      <crm:P75i_is_possessed_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder2"/>
    </crm:E30_Right>
  </crm:P104_is_subject_to>
</crm:E73_Information_Object>
\end{verbatim}

It corresponds in \textit{TEI/EpiDoc} to /TEI/facsimile/graphic/desc/ref/@target.

\begin{verbatim}
<facsimile>
  <graphic url="RESOURCE FILE URL" n="RESOURCE ID">
    <desc>RIGHTS HOLDER</desc>
  </graphic>
</facsimile>
\end{verbatim}
Creation date (not mandatory, cardinality: 1)

It contains the date of creation of this visual resource.

The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.

```
  <crm:P94i_was_created_by>
    <crm:E65_Creation>
      <crm:P4_has_time-span>
        <crm:E52_Time-Span>
          <crm:P82_at_some_time_within>1996-11-21</crm:P82_at_some_time_within>
        </crm:E52_Time-Span>
      </crm:P4_has_time-span>
      <crm:P14_carried_out_by>
        rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photoauthor1"/>
    </crm:E65_Creation>
  </crm:P94i_was_created_by>
</crm:E73_Information_Object>
```
Visual representation author (not mandatory, cardinality: *)

This element contains the name of the creator of this visual resource.

It is represented by an instance of E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by.

```xml
  <crm:P94i_was_created_by>
    <crm:E65_Creation>
      <crm:P4_has_time-span>
        <crm:E52_Time-Span>
          <crm:P82_at_some_time_within>1996-11-21</crm:P82_at_some_time_within>
        </crm:E52_Time-Span>
      </crm:P4_has_time-span>
      <crm:P14_carried_out_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photoauthor1"/>
    </crm:E65_Creation>
    <crm:P94i_was_created_by>
  </crm:E73_Information_Object>
```

It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/desc.

```xml
<facsimile>
  <graphic url="RESOURCE FILE URL" n="RESOURCE ID">
    <desc>RIGHTS HOLDER
      <!--use ONE of the licences proposed by Europeana-->
      <ref type="license" target="licence URL">Licensed under a Creative Commons CAttribution-ShareAlike 3.0 Unported licence</ref>
    </desc>
  </graphic>
</facsimile>
```

e.g.
Visual representation description (not mandatory, cardinality: 1)
This element contains a description of this visual resource including its quality, readable, writable, acquisition technology, processing information and other aspects.
It is represented by rdf:literal and related to E73 Information Object via P3 has note.

METADATA ELEMENTS FOR IMAGE OBJECTS (PHOTOGRAPHS, DRAWINGS, GRAPHICS, ORTHOPHOTOS, ETC.)
In particular, images are represented by instances of E38 Image.
Figure 17 Image RDF graph representation.
This type of object corresponds in EpiDoc to /TEI/facsimile/graphic/.

As visual representations, images share all the properties of that class and also have the following fields:

**Image width (not mandatory, cardinality: 1)**

It contains a value indicating the width of the image.

It is represented by an instance of *E54 Dimension* and related to *E73 Information Object* via *P43 has dimension*.

```xml
  <crm:P43_has_dimension>
    <crm:E54_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="px"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/WIDTH"/>
      </crm:P2_has_type>
      <crm:P90_has_value>800</crm:P90_has_value>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>
</crm:E38_Image>
```

**Image height (not mandatory, cardinality: 1)**

It contains a value indicating the height of the image.

It is represented by an instance of *E54 Dimension* and related to *E73 Information Object* via *P43 has dimension*.

```xml
  <crm:P43_has_dimension>
    <crm:E54_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="px"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/HEIGHT"/>
      </crm:P2_has_type>
      <crm:P90_has_value>600</crm:P90_has_value>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>
</crm:E38_Image>
```
METADATA ELEMENTS FOR 3D MODEL OBJECTS

These metadata elements correspond to a special case of Visual representation: 3D models, which are represented by instances of *E73 Information Object*. These objects refer mainly to monuments and parts of monuments.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/models/1234">
...
</crm: E73_Information_Object>
```
Figure 18 3D Models RDF graph representation.
As visual representations, 3D models share all the properties of that class and also have the following fields:

**3D model height (not mandatory, cardinality: 1)**

It contains the value that represents the height of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

```xml
<crm:E73_Information_Object rdf:about="http://eda-bea.es/models/1234">
  <crm:P43_has_dimension>
    <crm:E45_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="m"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/MODEL_HEIGHT"/>
      </crm:P2_has_type>
      <crm:P90_has_value>12.4</crm:P90_has_value>
    </crm:E45_Dimension>
  </crm:P43_has_dimension>
</crm:E73_Information_Object>
```

**3D model length (not mandatory, cardinality: 1)**

It contains the value that represents the length of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

```xml
<crm:E73_Information_Object rdf:about="http://eda-bea.es/models/1234">
  <crm:P43_has_dimension>
    <crm:E45_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="m"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/MODEL_LENGTH"/>
      </crm:P2_has_type>
      <crm:P90_has_value>88</crm:P90_has_value>
    </crm:E45_Dimension>
  </crm:P43_has_dimension>
</crm:E73_Information_Object>
```
3D model width (not mandatory, cardinality: 1)

It contains the value that represents the width of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

<crm: E73_Information_Object rdf:about="http://eda-bea.es/models/1234">
    <crm:P43_has_dimension>
        <crm:E54_Dimension>
            <crm:P91_has_unit>
                <crm:E58_Measurement_Unit rdf:value="m"/>
            </crm:P91_has_unit>
            <crm:P2_has_type>
                <crm:E55_Type rdf:value="DIMENSION/MODEL_WIDTH"/>
            </crm:P2_has_type>
            <crm:P90_has_value>23</crm:P90_has_value>
        </crm:E54_Dimension>
    </crm:P43_has_dimension>
</crm: E73_Information_Object >

3D model area (not mandatory, cardinality: 1)

It contains the value that represents the area of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

<crm: E73_Information_Object rdf:about="http://eda-bea.es/models/1234">
    <crm:P43_has_dimension>
        <crm:E54_Dimension>
            <crm:P91_has_unit>
                <crm:E58_Measurement_Unit rdf:value="m2"/>
            </crm:P91_has_unit>
            <crm:P2_has_type>
                <crm:E55_Type rdf:value="DIMENSION/MODEL_AREA"/>
            </crm:P2_has_type>
            <crm:P90_has_value>[AREA VALUE]</crm:P90_has_value>
        </crm:E54_Dimension>
    </crm:P43_has_dimension>
</crm: E73_Information_Object >

3D model perimeter (not mandatory, cardinality: 1)

It contains the value that represents the perimeter of modelled object.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.
3D model volume (not mandatory, cardinality: 1)

It contains the value that represents the volume of modelled object.

It is represented by an instance of `E54 Dimension` and related to `E73 Information Object` via `P43 has dimension`.

METADATA ELEMENTS FOR VIDEO OBJECTS

Video objects are also represented by instances of `E73 Information Object`. 

...
Figure 19 Video RDF graph representation.
As visual representations, videos share all the properties of that class and also have the following fields:

**Video width (not mandatory, cardinality: 1)**

It contains a value indicating the horizontal resolution of the video. It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

```xml
<crm: E73_Information_Object rdf:about="http://eda-bea.es/videos/1234">
  <crm:P43_has_dimension>
    <crm:E54_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="px"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/WIDTH"/>
      </crm:P2_has_type>
      <crm:P90_has_value>800</crm:P90_has_value>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>
</crm: E73_Information_Object >
```

**Video height (not mandatory, cardinality: 1)**

It contains a value indicating the vertical resolution of the video. It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

```xml
<crm: E73_Information_Object rdf:about="http://eda-bea.es/videos/1234">
  <crm:P43_has_dimension>
    <crm:E54_Dimension>
      <crm:P91_has_unit>
        <crm:E58_Measurement_Unit rdf:value="px"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/HEIGHT"/>
      </crm:P2_has_type>
      <crm:P90_has_value>600</crm:P90_has_value>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>
</crm: E73_Information_Object >
```
Video duration (not mandatory, cardinality: 1)

It contains a value indicating the duration of the video.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

```xml
  <crm:P43_has_dimension>
    <crm:E54.Dimension>
      <crm:P91_has_unit>
        <crm:E58.Measurement_Unit rdf:value="s"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/VIDEO_DURACION"/>
      </crm:P2_has_type>
      <crm:P90_has_value>160</crm:P90_has_value>
    </crm:E54.Dimension>
  </crm:P43_has_dimension>
</crm:E73.Information_Object>
```

Video rate (not mandatory, cardinality: 1)

It contains a value indicating the rate of the video.

It is represented by an instance of E54 Dimension and related to E73 Information Object via P43 has dimension.

```xml
  <crm:P43_has_dimension>
    <crm:E54.Dimension>
      <crm:P91_has_unit>
        <crm:E58.Measurement_Unit rdf:value="fps"/>
      </crm:P91_has_unit>
      <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/VIDEO_RATE"/>
      </crm:P2_has_type>
      <crm:P90_has_value>29.9</crm:P90_has_value>
    </crm:E54.Dimension>
  </crm:P43_has_dimension>
</crm:E73.Information_Object>
```

DESCRIPTION OF ENCODING, PROFILE AND REVISION (EPIDOC SPECIFIC)

All the elements in this section are the standard EpiDoc elements and do not need any change or addition by the content providers. (See Annex III).
<encodingDesc>
  <p part="N">Marked-up according to the EpiDoc Guidelines</p>
  <classDecl>
    <taxonomy>
      <category xml:id="representation">
        <catDesc>Digitized other representations</catDesc>
      </category>
    </taxonomy>
  </classDecl>
</encodingDesc>

<profileDesc>
  <langUsage default="false">
    <language ident="ar">Arabic</language>
    <language ident="en">English</language>
    <language ident="fr">French</language>
    <language ident="de">German</language>
    <language ident="grc">Ancient Greek</language>
    <language ident="grc-Latn">Transliterated Greek</language>
    <language ident="el">Modern Greek</language>
    <language ident="he">Hebrew</language>
    <language ident="it">Italian</language>
    <language ident="la">Latin</language>
    <language ident="sp">Spanish</language>
    <!-- all other languages -->
  </langUsage>
  <creation>EAGLE - Europeana Network of Ancient Greek and Latin Epigraphy</creation>
  ...
</profileDesc>
ANNEX IV - DETAILED MAPPING TABLES FOR PROVIDERS

MAPPING FOR EPIGRAPHIC DATABASE ROMA (UNIROMA1)

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>EDR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td>author</td>
</tr>
<tr>
<td>Provider of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>Language of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>Metadata rights</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
<td>fixed value</td>
</tr>
<tr>
<td>Metadata modification date</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
<td></td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td>TBA</td>
</tr>
<tr>
<td>Object Title</td>
<td>E34 Inscription</td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title</td>
<td></td>
</tr>
<tr>
<td>EAGLE Deliverable 3.1.2</td>
<td>EAGLE metadata model specification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of inscription</td>
<td>P102 has title</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>/TEI/teiHeader/profileDesc/textClass/keywords/term</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>i_gattung (Classification of the Inscription)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Text with diacritical marks) / testo_ric (Text without Diacritical Marks)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>lingua (Languages used in inscription)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bibliografia (Bibliography)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apparato (Variants and Commentary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spelling errors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>variations</td>
<td>Editorial additions</td>
<td>Commentary</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paleographic Characteristics</td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Commentary:

/TEI/text/body/div/p

testo_epigr
carmen (YES/NO) + typologia

n.a.

n.a.

n.a.

mis_lettere (Height of Letters - cm)

| testo_epigr
carmen (YES/NO) + typologia |

/TEI/text/body/div/p
<table>
<thead>
<tr>
<th><strong>EAGLE</strong></th>
<th><strong>Deliverable 3.1.2</strong></th>
<th><strong>EAGLE metadata model specification</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</strong></td>
<td></td>
<td><strong>dat_jahr_e (Dating to ...) datazione (Dating Arguments)</strong></td>
</tr>
<tr>
<td><strong>Dating-from E52 Time Span and related to E12 Production via P4 has time-span.</strong></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore</td>
<td><strong>from</strong></td>
</tr>
<tr>
<td><strong>Dating-to E52 Time Span and related to E12 Production via P4 has time-span.</strong></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter</td>
<td><strong>to</strong></td>
</tr>
<tr>
<td><strong>Dating-day E61 Time Primitive</strong></td>
<td></td>
<td><strong>day</strong></td>
</tr>
<tr>
<td><strong>Dating-month E61 Time Primitive</strong></td>
<td></td>
<td><strong>month</strong></td>
</tr>
<tr>
<td><strong>Dating-year E61 Time Primitive</strong></td>
<td></td>
<td><strong>year</strong></td>
</tr>
<tr>
<td><strong>Dating-uncertainty E62 String</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dating-Text E62 String</strong></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate</td>
<td></td>
</tr>
<tr>
<td><strong>Chronology E4 Period and related to E12 Production via P10 falls within</strong></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period</td>
<td></td>
</tr>
<tr>
<td><strong>Dating arguments E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</strong></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence</td>
<td></td>
</tr>
<tr>
<td><strong>Engraving technique E55 Type related to E12 Production via P32 used general</strong></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs</td>
<td><strong>scriptura (Script)</strong></td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Dedicator</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17 was motivated by</td>
<td></td>
</tr>
<tr>
<td>Restoration</td>
<td>E11 Modification and related to E84 Information Carrier via P31i was modified by</td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</td>
<td></td>
</tr>
<tr>
<td>Monuments</td>
<td>E22 Man-Made Object</td>
<td></td>
</tr>
<tr>
<td>Object Type</td>
<td>E55 Type and related to E22 Man-Made Object via P2 has type</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td>E54 Dimension and</td>
<td></td>
</tr>
</tbody>
</table>

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>height</td>
<td>related to E22 Man-Made Object via P43 has dimension</td>
<td>hysDesc/objectDesc/supportDesc/support/dimensions/height</td>
</tr>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width</td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth</td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</td>
</tr>
<tr>
<td>State of preservation</td>
<td>E3 Condition State related to E22 Man-Made Object via P44 has condition</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</td>
</tr>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then named as fo_antik (Ancient Name of the Finding Place)</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
</tr>
<tr>
<td>Roman Province / Italic Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Year of find</td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when</td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/identifier/settlement</td>
</tr>
<tr>
<td>Element</td>
<td>Description</td>
<td>TEI Path</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Conservation Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/region/placeName</td>
</tr>
<tr>
<td>Country of Conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placeName</td>
</tr>
<tr>
<td>Museum</td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection</td>
</tr>
<tr>
<td>Inventory Number</td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------------------------------------------------</td>
<td>-----------------------------------------------------------</td>
</tr>
<tr>
<td>Translations</td>
<td>E33 Linguistic Object and linked from E34 Inscription via property P73 has translation</td>
<td></td>
</tr>
<tr>
<td>Translation text</td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
<td>/TEI/text/body/div</td>
</tr>
<tr>
<td>Translation language</td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
<td>/TEI/text/body/div/HEAD/TEI/text/body/div/@xml:lang</td>
</tr>
<tr>
<td>Translation author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
<td></td>
</tr>
<tr>
<td><strong>Translation rights</strong></td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Publication title</strong></td>
<td>If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.</td>
<td></td>
</tr>
<tr>
<td><strong>Year of publication</strong></td>
<td>E52 Time Span and related to the E7 Activity via P4 has time span.</td>
<td></td>
</tr>
<tr>
<td><strong>Place of publication</strong></td>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
<td></td>
</tr>
<tr>
<td><strong>Publication author</strong></td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
<td></td>
</tr>
<tr>
<td><strong>Visual representation objects</strong></td>
<td>E73 Information Object and its subclass E38 Image. These objects may refer either to physical objects such as monuments</td>
<td></td>
</tr>
</tbody>
</table>
or epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types:

- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified</td>
</tr>
<tr>
<td>number</td>
<td>by.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Visual representation rights</td>
<td></td>
</tr>
<tr>
<td>Creation date</td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td>Visual representation author</td>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by</td>
</tr>
<tr>
<td>Visual representation description</td>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
<tr>
<td>Images</td>
<td>E38 Image</td>
</tr>
<tr>
<td>Feature</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Image width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Image height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>3D model height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
</tbody>
</table>
### Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Information Object via P43 has dimension.</th>
</tr>
</thead>
</table>

**Videos**

<table>
<thead>
<tr>
<th>E73 Information Object</th>
</tr>
</thead>
</table>

**Video width**

<table>
<thead>
<tr>
<th>E54 Dimension and related to E73 Information Object via P43 has dimension</th>
</tr>
</thead>
</table>

**Video height**

<table>
<thead>
<tr>
<th>E54 Dimension and related to E73 Information Object via P43 has dimension</th>
</tr>
</thead>
</table>

**Video duration**

<table>
<thead>
<tr>
<th>E54 Dimension and related to E73 Information Object via P43 has dimension</th>
</tr>
</thead>
</table>

**Video rate**

<table>
<thead>
<tr>
<th>E54 Dimension and related to E73 Information Object via P43 has dimension</th>
</tr>
</thead>
</table>

### MAPPING FOR EPIGRAPHIC DATABASE BARI (UNIBA)

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>EDB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td>author</td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>Provider of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>Language of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>Metadata rights</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
<td>fixed value</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-------------------------------------------------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td>Function</td>
<td></td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td>Transcription</td>
<td></td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td>Greek language and alphabet / Coexistence of latin/greek</td>
<td></td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within E21 Person which</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**EAGLE Deliverable 3.1.2**
**EAGLE metadata model specification**

<table>
<thead>
<tr>
<th>Location mentioned</th>
<th>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
</tr>
<tr>
<td>Spelling errors variations</td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td></td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has /TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs</td>
</tr>
</tbody>
</table>
| methe | EAGLE Deliverable 3.1.2  
EAGLE metadata model specification |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height of Epigraphical Field</strong></td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/height</td>
<td>n.a.</td>
</tr>
<tr>
<td><strong>Width of Epigraphical Field</strong></td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width</td>
<td>n.a.</td>
</tr>
<tr>
<td><strong>Paleographic Characteristics</strong></td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
</tr>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote</td>
<td>Paleographic Notes</td>
</tr>
<tr>
<td><strong>Letter size</strong></td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height</td>
<td>Letters Height Minumum ; Letters Height Minumum</td>
</tr>
<tr>
<td><strong>Dating</strong></td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</td>
</tr>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin</td>
<td>Dating interval Specific time span from ; Specific time span to; Date in the text</td>
</tr>
<tr>
<td><strong>Dating-from</strong></td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore</td>
<td>from</td>
</tr>
<tr>
<td>Term</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
</tr>
<tr>
<td>Chronology</td>
<td>E4 Period and related to E12 Production via P10 falls within</td>
</tr>
<tr>
<td>Dating arguments</td>
<td>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</td>
</tr>
<tr>
<td>Engraving technique</td>
<td>E55 Type related to E12 Production via P32 used general technique</td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
</tr>
<tr>
<td>Deducator</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17</td>
</tr>
<tr>
<td>Restoration</td>
<td>E11 Modification and related to E84 Information Carrier via P31i was modified by</td>
</tr>
<tr>
<td>--------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Comments</td>
<td>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</td>
</tr>
<tr>
<td>Monuments</td>
<td>E22 Man-Made Object</td>
</tr>
<tr>
<td>Object Type</td>
<td>E55 Type and related to E22 Man-Made Object via P2 has type</td>
</tr>
<tr>
<td>Material</td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
</tr>
<tr>
<td>Description</td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
</tr>
<tr>
<td>Monument height</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and</td>
</tr>
</tbody>
</table>

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/decoration
<table>
<thead>
<tr>
<th>EAGLE Deliverable 3.1.2</th>
<th>EAGLE metadata model specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration</td>
<td>hysDesc/objectDesc/supportDesc/support/rs</td>
</tr>
<tr>
<td>State of preservation</td>
<td>E3 Condition State related to E22 Man-Made Object via P44 has condition</td>
</tr>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53</td>
</tr>
<tr>
<td>Region Type</td>
<td>Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Roman Province / Italic Region</strong></td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td><strong>Modern find spot</strong></td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td><strong>Modern Province</strong></td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td><strong>Modern region</strong></td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>GeoNames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td></td>
</tr>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The GeoNames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
</tr>
<tr>
<td>Year of find</td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is</td>
</tr>
<tr>
<td>Identity</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Region of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Country of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Museum</td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper</td>
</tr>
<tr>
<td>Position</td>
<td></td>
</tr>
<tr>
<td>Inventory Number</td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by</td>
</tr>
<tr>
<td>Translations</td>
<td>E33 Linguistic Object and linked from E34 Inscription via property P73 has translation</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Translation text</td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
</tr>
<tr>
<td>Translation language</td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
</tr>
<tr>
<td>Translation author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
</tr>
<tr>
<td>Translation rights</td>
<td>E30 Right and related to E33</td>
</tr>
</tbody>
</table>
**EAGLE**
**Deliverable 3.1.2**
**EAGLE metadata model specification**

<table>
<thead>
<tr>
<th>Linguistic Object via property P104 is subject to</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Publication title</strong></td>
</tr>
<tr>
<td>If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.</td>
</tr>
<tr>
<td><strong>Year of publication</strong></td>
</tr>
<tr>
<td>E52 Time Span and related to the E7 Activity via P4 has time span.</td>
</tr>
<tr>
<td><strong>Place of publication</strong></td>
</tr>
<tr>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
</tr>
<tr>
<td><strong>Publication author</strong></td>
</tr>
<tr>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
</tr>
<tr>
<td><strong>Visual representation objects</strong></td>
</tr>
<tr>
<td>E73 Information Object and its subclass E38 Image. These objects may refer either to physical objects such as monuments or</td>
</tr>
</tbody>
</table>
epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types:

- § Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- § PDF 3D
- § Text
- § 3D model
- § Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory</td>
<td>E42 Identifier related to E73 Information Object</td>
</tr>
<tr>
<td>Visual representation rights</td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Visual representation author</td>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by.</td>
</tr>
<tr>
<td>Visual representation description</td>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
<tr>
<td>Images</td>
<td>E38 Image</td>
</tr>
<tr>
<td></td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Image width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Image height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>3D model height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
</tbody>
</table>
### EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Information Object via P43 has dimension.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Videos</td>
</tr>
<tr>
<td>Video width</td>
</tr>
<tr>
<td>Video height</td>
</tr>
<tr>
<td>Video duration</td>
</tr>
<tr>
<td>Video rate</td>
</tr>
</tbody>
</table>

### MAPPING FOR EPIGRAPHISCHE DATENBANK HEIDELBERG (UHEI)

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>EDH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who author</td>
<td></td>
</tr>
<tr>
<td>Provider of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>Language of metadata</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>Metadata rights</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
<td>fixed value</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>------------------------------------------------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inscription E34</td>
<td>E34 Inscription</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository E42</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td>HD-Nr xxxxxx</td>
<td></td>
</tr>
<tr>
<td>Object URI within the content provider repository E42</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trismegistos number E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td>TM no.</td>
<td></td>
</tr>
<tr>
<td>Object Title E35</td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title</td>
<td>title (only in xml)</td>
<td></td>
</tr>
<tr>
<td>Type of inscription E55 Type related to E34 Inscription via P103 was intended for</td>
<td>/TEI/teiHeader/profileDesc/textClass/keywords/term</td>
<td>Type of inscription</td>
<td></td>
</tr>
<tr>
<td>Text of inscription E62 String and related to E34 Inscription via P3 has note</td>
<td>/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
<td>Transcription, majuscule</td>
<td></td>
</tr>
<tr>
<td>Transcription language E56 Language and related to E34 Inscription via P72 has language</td>
<td>/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD</td>
<td>Language</td>
<td></td>
</tr>
<tr>
<td>Names mentioned E82</td>
<td>Actor Appellation, contained within</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Location mentioned</th>
<th>E21 Person which is related to E34 Inscription using P67 refers to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bibliography</th>
<th>/TEI/text/body/div</th>
<th>Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honorand</td>
<td></td>
<td>n.a.</td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
<td>n.a.</td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
<td>n.a.</td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
<td>n.a.</td>
</tr>
<tr>
<td>Spelling erros variations</td>
<td></td>
<td>n.a.</td>
</tr>
<tr>
<td>Editorial additions</td>
<td>/TEI/text/body/div/p</td>
<td>n.a.</td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
<td>Commentary</td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
<td></td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
<td>Metre Commentary</td>
</tr>
<tr>
<td>Height of Epigraphical</td>
<td>E54 Dimension and related to E84</td>
<td>n.a.</td>
</tr>
<tr>
<td>Field</td>
<td>Information Carrier via P43 has dimension</td>
<td>Width of Epigraphical Field</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------------------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>ions/hight</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin</td>
</tr>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter</td>
</tr>
<tr>
<td>Label</td>
<td>EAGLE Metadata Model</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>has time-span.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
<td>day</td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
<td>month</td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
<td>year</td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
<td></td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate</td>
</tr>
<tr>
<td>Chronology</td>
<td>E4 Period and related to E12 Production via P10 falls within</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period</td>
</tr>
<tr>
<td>Dating arguments</td>
<td>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39 it was measured by</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence</td>
</tr>
<tr>
<td>Engraving technique</td>
<td>E55 Type related to E12 Production via P32 used general technique</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs</td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td>Engraving technique; Guidelines; Hederae</td>
</tr>
<tr>
<td>Dedicator</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17 was motivated by</td>
<td></td>
</tr>
<tr>
<td>Restoration</td>
<td>E11 Modification and related to E84 Information Carrier via P311 was modified by</td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</td>
<td></td>
</tr>
<tr>
<td>Monuments</td>
<td>E22 Man-Made Object</td>
<td></td>
</tr>
<tr>
<td>Object Type</td>
<td>E55 Type and related to E22 Man-Made Object via P2 has type</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
<td></td>
</tr>
<tr>
<td>Monument height</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and related to E22 Man-Made Object using</td>
<td></td>
</tr>
<tr>
<td>State of preservation</td>
<td>E3 Condition State related to E22 Man-Made Object via P44 has condition</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
</tr>
<tr>
<td>Roman Province / Italic Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td></td>
</tr>
<tr>
<td>Year of find</td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
<td></td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td></td>
</tr>
<tr>
<td>EAGLE Deliverable 3.1.2</td>
<td>EAGLE metadata model specification</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------------------------</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region of conservation</th>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</th>
</tr>
</thead>
<tbody>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/region/placeName</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country of conservation</th>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placeName</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Museum</th>
<th>E39 Actor related to E22 Man-Made Object via P50 has current keeper</th>
</tr>
</thead>
<tbody>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Position</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inventory Number</th>
<th>E42 Identifier related to E22 Man-Made Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Translations</th>
<th>E33 Linguistic Object and linked from E34</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Translation</strong></td>
<td><strong>text</strong></td>
</tr>
<tr>
<td>----------------</td>
<td>----------</td>
</tr>
<tr>
<td><strong>Inscription</strong></td>
<td>Inscription via property P73 has translation</td>
</tr>
<tr>
<td><strong>Translation</strong></td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
</tr>
<tr>
<td><strong>Translation</strong></td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
</tr>
<tr>
<td><strong>Translation</strong></td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
</tr>
<tr>
<td><strong>Translation</strong></td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
</tr>
</tbody>
</table>
If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.

<table>
<thead>
<tr>
<th>Publication title</th>
<th>E52 Time Span and related to the E7 Activity via P4 has time span.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of publication</td>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
</tr>
<tr>
<td>Place of publication</td>
<td></td>
</tr>
<tr>
<td>Publication author</td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
</tr>
<tr>
<td>Visual representation objects</td>
<td>E73 Information Object and its subclass E38 Image.</td>
</tr>
</tbody>
</table>

These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions.
and translations. They can be of any of the following types:
- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by. It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation rights</td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--</td>
</tr>
<tr>
<td>Creation date</td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td>Visual representation author</td>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by</td>
</tr>
<tr>
<td>Visual representation description</td>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
<tr>
<td>Images</td>
<td>E38 Image</td>
</tr>
<tr>
<td>Image width</td>
<td>E54 Dimension and related to E73</td>
</tr>
<tr>
<td>Information Object via P43 has dimension.</td>
<td></td>
</tr>
<tr>
<td>Image height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>3D model height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Element Name</td>
<td>CIDOC - CRM</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Metadata information</td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
</tr>
<tr>
<td>Provider of metadata</td>
<td></td>
</tr>
<tr>
<td>Language of metadata</td>
<td></td>
</tr>
<tr>
<td>Metadata rights</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
<td>-------------------------------------------------------------</td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within</td>
</tr>
</tbody>
</table>
### EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Location mentioned</th>
<th>E21 Person which is related to E34 Inscription using P67 refers to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
</tr>
<tr>
<td>Spelling errors variations</td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Variants</td>
<td></td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
</tr>
<tr>
<td>Height of Epigraphical Field</td>
<td>E54 Dimension and related to E84</td>
</tr>
</tbody>
</table>

| Bibliography       | /TEI/text/body/div                                             |
| Honorand           |                                                               |
| Political-Social status |                                                 |
| Critical Apparatus | /TEI/text/body/div/p                                              |
| Erasures           |                                                               |
| Spelling errors variations |                                               |
| Editorial additions |                                                |
| Commentary         | /TEI/text/body/div/p                                              |
| Variants           |                                                               |
| Epigraphical fields | E84 Information Carrier and it is related from E34 Inscription via P128i is carried by |
| Metre              | E55 Type and related using the EAGLE custom property PEGL has metre |
| Height of Epigraphical Field | E54 Dimension and related to E84 |

| Bibliography       | /TEI/text/body/div                                             |
| Honorand           |                                                               |
| Political-Social status |                                                 |
| Critical Apparatus | /TEI/text/body/div/p                                              |
| Erasures           |                                                               |
| Spelling errors variations |                                               |
| Editorial additions |                                                |
| Commentary         | /TEI/text/body/div/p                                              |
| Variants           |                                                               |
| Epigraphical fields | E84 Information Carrier and it is related from E34 Inscription via P128i is carried by |
| Metre              | E55 Type and related using the EAGLE custom property PEGL has metre |
| Height of Epigraphical Field | E54 Dimension and related to E84 |

| Bibliography       | /TEI/text/body/div                                             |
| Honorand           |                                                               |
| Political-Social status |                                                 |
| Critical Apparatus | /TEI/text/body/div/p                                              |
| Erasures           |                                                               |
| Spelling errors variations |                                               |
| Editorial additions |                                                |
| Commentary         | /TEI/text/body/div/p                                              |
| Variants           |                                                               |
| Epigraphical fields | E84 Information Carrier and it is related from E34 Inscription via P128i is carried by |
| Metre              | E55 Type and related using the EAGLE custom property PEGL has metre |
| Height of Epigraphical Field | E54 Dimension and related to E84 |
### Field Information Carrier via P43 has dimension

<table>
<thead>
<tr>
<th>Field</th>
<th>Information Carrier via P43 has dimension</th>
<th>TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width</th>
<th>Size Of Epigraphical Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
<td>TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width</td>
<td>Paleographic Characteristics</td>
</tr>
<tr>
<td>Paleographic Characteristics</td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
<td>TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote</td>
<td>Paleographic Characteristics</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
<td>TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height</td>
<td>Height Of Letters</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</td>
<td>TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin</td>
<td>Dating ; dating from ; dating to ; Chronology ; Dating Arguments</td>
</tr>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
<td>TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore</td>
<td>from</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
<td>TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter</td>
<td>to</td>
</tr>
</tbody>
</table>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>has time-span.</strong></td>
<td><strong>E61 Time Primitive</strong></td>
<td><strong>day</strong></td>
</tr>
<tr>
<td><strong>Dating-day</strong></td>
<td><strong>E61 Time Primitive</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dating-month</strong></td>
<td><strong>E61 Time Primitive</strong></td>
<td><strong>month</strong></td>
</tr>
<tr>
<td><strong>Dating-year</strong></td>
<td><strong>E61 Time Primitive</strong></td>
<td><strong>year</strong></td>
</tr>
<tr>
<td><strong>Dating-uncertainty</strong></td>
<td><strong>E62 String</strong></td>
<td><strong>uncertainty in dating</strong></td>
</tr>
<tr>
<td><strong>Dating-Text</strong></td>
<td><strong>E62 String</strong></td>
<td><strong>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate</strong></td>
</tr>
<tr>
<td><strong>Chronology</strong></td>
<td><strong>E4 Period and related to E12 Production via P10 falls within</strong></td>
<td><strong>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period</strong></td>
</tr>
<tr>
<td><strong>Dating arguments</strong></td>
<td><strong>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</strong></td>
<td><strong>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence</strong></td>
</tr>
<tr>
<td><strong>Engraving technique</strong></td>
<td><strong>E55 Type related to E12 Production via P32 used general technique</strong></td>
<td><strong>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs n.a.</strong></td>
</tr>
<tr>
<td><strong>Author of inscription</strong></td>
<td><strong>E21 Person and related to E12 Production via P14 carried out by</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dedicator</strong></td>
<td><strong>E21 Person and related to E12 Production via P14 carried out by</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Event of Inscription</strong></td>
<td><strong>E7 Activity and related to E12 Production via P17 was motivated by</strong></td>
<td></td>
</tr>
</tbody>
</table>
### Restoration
E11 Modification and related to E84 Information Carrier via P31i was modified by

### Comments
It is represented by an E62 String and related to E84 Information Carrier via P3 has note

### Monuments
E22 Man-Made Object

### Object Type
E55 Type and related to E22 Man-Made Object via P2 has type

<table>
<thead>
<tr>
<th>Description</th>
<th>E62 String related to E22 Man-Made Object via P3 has note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
</tr>
<tr>
<td>Description</td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
</tr>
<tr>
<td>Monument height</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and related to E22 Man-Made Object using</td>
</tr>
</tbody>
</table>

/Object Type

/Material Rough Definition; Material Refined Definition

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/materia

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs

n.a.
the EAGLE custom property PEGL has decoration

<table>
<thead>
<tr>
<th>State of preservation</th>
<th>E3 Condition State related to E22 Man-Made Object via P44 has condition</th>
<th>State of Conservation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>Placename in Antiquity / Placename in Antiquity (additional information)</td>
</tr>
</tbody>
</table>

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/supportDesc/support/rs
Roman Province / Italic Region

<table>
<thead>
<tr>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</th>
<th>Roman Province</th>
</tr>
</thead>
</table>

Modern find spot

<table>
<thead>
<tr>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</th>
</tr>
</thead>
</table>

Modern Province

<table>
<thead>
<tr>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</th>
</tr>
</thead>
</table>

Modern region

<p>| E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier. | /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName |</p>
<table>
<thead>
<tr>
<th>Identifier and related to E53 Place via P48 has preferred identifier</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
</tr>
<tr>
<td>Year of find</td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an</td>
</tr>
<tr>
<td>Description</td>
<td>Details</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Region of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Country of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Museum</td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper.</td>
</tr>
<tr>
<td>Position</td>
<td></td>
</tr>
<tr>
<td>Inventory Number</td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by.</td>
</tr>
<tr>
<td>Translations</td>
<td>E33 Linguistic Object and linked from E34.</td>
</tr>
<tr>
<td>Translation text</td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>Translation language</td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
</tr>
<tr>
<td>Translation author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
</tr>
<tr>
<td>Translation rights</td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
</tr>
</tbody>
</table>
If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.

<table>
<thead>
<tr>
<th>Publication title</th>
<th>Year of publication</th>
</tr>
</thead>
<tbody>
<tr>
<td>E52 Time Span and related to the E7 Activity via P4 has time span.</td>
<td></td>
</tr>
<tr>
<td>Place of publication</td>
<td>Publication author</td>
</tr>
<tr>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
</tr>
<tr>
<td>Visual representation objects</td>
<td>E73 Information Object and its subclass E38 Image.</td>
</tr>
<tr>
<td>These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions</td>
<td></td>
</tr>
</tbody>
</table>
and translations. They can be of any of the following types:
§ Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
§ PDF 3D
§ Text
§ 3D model
§ Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by. It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td><strong>Visual representation rights</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Creation date</strong></td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td><strong>Visual representation author</strong></td>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by</td>
</tr>
<tr>
<td><strong>Visual representation description</strong></td>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
<tr>
<td><strong>Images</strong></td>
<td>E38 Image</td>
</tr>
<tr>
<td><strong>Image width</strong></td>
<td>E54 Dimension and related to E73</td>
</tr>
</tbody>
</table>
### EAGLE Deliverable 3.1.2
#### EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
</tbody>
</table>
## EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Element</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>UbiEratLupa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td>author</td>
</tr>
<tr>
<td>Provider of</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language of</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MAPPING FOR UBI ERAT LUPA (PLUS)

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>UbiEratLupa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Videos</td>
<td>E73 Information Object</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video duration</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video rate</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata Rights</td>
<td>EAGLE TEI Structure</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>Metadata rights</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
<td>fixed value</td>
<td></td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
<td></td>
</tr>
<tr>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title</td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title</td>
<td></td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td>/TEI/teiHeader/profileDesc/textClass/keywords/term</td>
<td></td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td>/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
<td></td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td>/TEI/text/body/div/@xml:lang=VALUE OF LANGUAGE FIELD</td>
<td></td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spelling errors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height of</td>
<td>E54 Dimension and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>INSCHRIFT_FELD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epigraphical Field</td>
<td>related to E84 Information Carrier via P43 has dimension</td>
<td>hysDesc/objectDesc/layoutDesc/layout/dimensions/height</td>
<td>GROESSE</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Width of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimensions/width</td>
<td>INSCHRIFT_FELD GROESSE</td>
</tr>
<tr>
<td>Paleographic Characteristics</td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote</td>
<td>INSCHRIFT_PALEOGRAPHIE</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height</td>
<td>INSCHRIFT_BUCH STABENHOEHE</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin</td>
<td></td>
</tr>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore</td>
<td>Datierung_von</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter</td>
<td>Datierung_bis</td>
</tr>
<tr>
<td>Category</td>
<td>EAGLE ID</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
<td>day</td>
<td></td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
<td>month</td>
<td></td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
<td>year</td>
<td></td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate</td>
<td></td>
</tr>
<tr>
<td>Chronology</td>
<td>E4 Period and related to E12 Production via P10 falls within</td>
<td>Datierung_Begruendung</td>
<td></td>
</tr>
<tr>
<td>Dating arguments</td>
<td>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence</td>
<td></td>
</tr>
<tr>
<td>Engraving technique</td>
<td>E55 Type related to E12 Production via P32 used general technique</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs</td>
<td></td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dedicater</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17 was motivated by</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Restoration

<table>
<thead>
<tr>
<th>Description</th>
<th>E11 Modification and related to E84 Information Carrier via P311 was modified by</th>
</tr>
</thead>
</table>

### Comments

<table>
<thead>
<tr>
<th>Description</th>
<th>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</th>
</tr>
</thead>
</table>

### Monuments

<table>
<thead>
<tr>
<th>Description</th>
<th>E22 Man-Made Object</th>
</tr>
</thead>
</table>

### Object Type

<table>
<thead>
<tr>
<th>Description</th>
<th>E55 Type and related to E22 Man-Made Object via P2 has type</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Objekt_ID + Monument_ID</th>
</tr>
</thead>
</table>

### Material

<table>
<thead>
<tr>
<th>Description</th>
<th>E57 Material and related to E22 Man-Made Object via P45 consist of</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Material_grob_ID Material_fein_ID</th>
</tr>
</thead>
</table>

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>E62 String related to E22 Man-Made Object via P3 has note</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/ikonografie</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Ikonografie</th>
</tr>
</thead>
</table>

### Monument Height

<table>
<thead>
<tr>
<th>Description</th>
<th>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Breite Hohe Tiefe</th>
</tr>
</thead>
</table>

### Monument Width

<table>
<thead>
<tr>
<th>Description</th>
<th>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Breite Hohe Tiefe</th>
</tr>
</thead>
</table>

### Monument Depth

<table>
<thead>
<tr>
<th>Description</th>
<th>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Breite Hohe Tiefe</th>
</tr>
</thead>
</table>

### Decoration

<table>
<thead>
<tr>
<th>Description</th>
<th>E55 Type and related to E22 Man-Made Object using</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
</table>
the EAGLE custom property PEGL has decoration

<table>
<thead>
<tr>
<th>State of preservation</th>
<th>E3 Condition State related to E22 Man-Made Object via P44 has condition</th>
<th>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs Erhaltung</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16 was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName fundort_antik_pfad</td>
</tr>
<tr>
<td>Roman Province / Italic Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origPlace/placeName</td>
</tr>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------</td>
</tr>
<tr>
<td>Year of find</td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when</td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement</td>
</tr>
<tr>
<td>Feature</td>
<td>Description</td>
<td>TEI Path</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Region of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/region/placeName</td>
</tr>
<tr>
<td>Country of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placeName</td>
</tr>
<tr>
<td>Museum</td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper</td>
<td>museum_pfad</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection</td>
</tr>
<tr>
<td>Inventory Number</td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno</td>
</tr>
<tr>
<td>Translations</td>
<td>E33 Linguistic Object and linked from E34</td>
<td>InvNummer</td>
</tr>
</tbody>
</table>
Inscription via property P73 has translation

<table>
<thead>
<tr>
<th>Translation text</th>
<th>E62 String and related to E33 Linguistic Object via P3 has note</th>
<th>/TEI/text/body/div</th>
<th>Uebersetzung</th>
</tr>
</thead>
<tbody>
<tr>
<td>Translation language</td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
<td>/TEI/text/body/div/head/TEI/text/body/div/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>Translation author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Translation rights</td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Publication title**

If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.

**Year of publication**

E52 Time Span and related to the E7 Activity via P4 has time span.

**Place of publication**

E53 Place and related to the E7 Activity via P7 took place at

**Publication author**

E39 Actor and related to the E7 Activity via P11 had participant

**Visual representation objects**

E73 Information Object and its subclass E38 Image.

These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions.
and translations. They can be of any of the following types:
§ Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
§ PDF 3D
§ Text
§ 3D model
§ Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
</tbody>
</table>
### EAGLE metadata model specification

#### Visual representation rights

<table>
<thead>
<tr>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
</tbody>
</table>

#### Visual representation author

<table>
<thead>
<tr>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by</td>
</tr>
</tbody>
</table>

#### Visual representation description

<table>
<thead>
<tr>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
</tbody>
</table>

#### Images

<table>
<thead>
<tr>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>E38 Image</td>
</tr>
</tbody>
</table>

#### Image width

<table>
<thead>
<tr>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>E54 Dimension and related to E73</td>
</tr>
<tr>
<td>Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E73 Information Object</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
</tbody>
</table>
## Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>ARACHNE (CIL inscriptions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td></td>
</tr>
<tr>
<td>Provider of</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language of</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MAPPING FOR ARACHNE (DAI)**

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>ARACHNE (CIL inscriptions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td></td>
</tr>
<tr>
<td>Provider of</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language of</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Metadata rights</th>
<th>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Object Title</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>/TEI/teiHeader/profileDesc/textClass/keywords/term</td>
</tr>
<tr>
<td>Text of inscription</td>
<td>/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
</tr>
<tr>
<td>Transcription language</td>
<td>/TEI/text/body/div@xml:lang=VALUE_OF_LANGUAGEFIELD</td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within</td>
</tr>
<tr>
<td>Concept</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>E21 Person</td>
<td>which is related to E34 Inscription using P67 refers to</td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
</tr>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
</tr>
<tr>
<td>Spelling erros variations</td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
</tr>
<tr>
<td>Height of Epigraphical</td>
<td>E54 Dimension and related to E84</td>
</tr>
<tr>
<td>Field</td>
<td>Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>Width of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>Paleographic Characteristics</td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</td>
</tr>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
</tbody>
</table>

Precise date will be expressed giving the same value in both this fields.
<table>
<thead>
<tr>
<th>Domain</th>
<th>Property Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dating</td>
<td>E61 Time Primitive</td>
<td>has time-span.</td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
<td></td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
<td></td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
<td></td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
<td></td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
<td></td>
</tr>
<tr>
<td>Chronology</td>
<td>E4 Period and related to E12 Production via P10 falls within</td>
<td></td>
</tr>
<tr>
<td>Dating arguments</td>
<td>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</td>
<td></td>
</tr>
<tr>
<td>Engraving technique</td>
<td>E55 Type related to E12 Production via P32 used general technique</td>
<td></td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>Dedicatior</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17 was motivated by</td>
<td></td>
</tr>
</tbody>
</table>
### Restoration

| E11 Modification and related to E84 Information Carrier via P31i | was modified by |

### Comments

| It is represented by an E62 String and related to E84 Information Carrier via P3 has note |

### Monuments

| E22 Man-Made Object |

### Object Type

| E55 Type and related to E22 Man-Made Object via P2 has type |

| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType |

### Material

| E57 Material and related to E22 Man-Made Object via P45 consist of |

| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material |

### Description

| E62 String related to E22 Man-Made Object via P3 has note |

| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p |

### Monument height

| E54 Dimension and related to E22 Man-Made Object via P43 has dimension |

| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height |

### Monument width

| E54 Dimension and related to E22 Man-Made Object via P43 has dimension |

| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width |

### Monument depth

| E54 Dimension and related to E22 Man-Made Object via P43 has dimension |

| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth |

### Decoration

| E55 Type and related to E22 Man-Made Object using |

<p>| /TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>the EAGLE custom property PEGL has decoration</strong></td>
<td></td>
</tr>
<tr>
<td><strong>State of preservation</strong></td>
<td>E3 Condition State related to E22 Man-Made Object via P44 has condition</td>
</tr>
<tr>
<td><strong>Ancient find spot</strong></td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Roman Province / Italic Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Modern region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Modern Country</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/midIdentifier/settlement</td>
</tr>
<tr>
<td>Year of find</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when</td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an</td>
</tr>
<tr>
<td>Region of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Country of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Museum</td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper.</td>
</tr>
<tr>
<td>Position</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection</td>
</tr>
<tr>
<td>Inventory Number</td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by</td>
</tr>
<tr>
<td>Translations</td>
<td>E33 Linguistic Object and linked from E34</td>
</tr>
<tr>
<td>Translation Text</td>
<td>Inscription via property P73 has translation</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Translation Text</td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
</tr>
<tr>
<td>Translation Language</td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
</tr>
<tr>
<td>Translation Author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
</tr>
<tr>
<td>Translation Rights</td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
</tr>
</tbody>
</table>
If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.

<table>
<thead>
<tr>
<th>Year of publication</th>
<th>E52 Time Span and related to the E7 Activity via P4 has time span.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place of publication</td>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
</tr>
<tr>
<td>Publication author</td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
</tr>
<tr>
<td>Visual representation objects</td>
<td>E73 Information Object and its subclass E38 Image.  These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions</td>
</tr>
</tbody>
</table>
and translations. They can be of any of the following types:
- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
</tbody>
</table>

It corresponds in TEI/EpiDoc to `/TEI/facsimile/graphic/@url`
<table>
<thead>
<tr>
<th><strong>Visual representation rights</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Creation date</strong></td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td><strong>Visual representation author</strong></td>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by</td>
</tr>
<tr>
<td><strong>Visual representation description</strong></td>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
<tr>
<td><strong>Images</strong></td>
<td>E38 Image</td>
</tr>
<tr>
<td><strong>Image width</strong></td>
<td>E54 Dimension and related to E73</td>
</tr>
</tbody>
</table>
### EAGLE Deliverable 3.1.2
EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Information Object via P43 has dimension.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image height</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D models</td>
</tr>
<tr>
<td>E73 Information Object</td>
</tr>
<tr>
<td>3D model height</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
</tbody>
</table>
### EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Videos</strong></td>
<td>E73 Information Object</td>
</tr>
<tr>
<td><strong>Video width</strong></td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
<tr>
<td><strong>Video height</strong></td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
<tr>
<td><strong>Video duration</strong></td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
<tr>
<td><strong>Video rate</strong></td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
</tbody>
</table>

### MAPPING FOR PETRAE (AUSONIUS)

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>xpath</th>
<th>PETRAE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/author</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>Provider of metadata</td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Metadata rights</th>
<th>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</th>
<th>fixed value (TBA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
<td></td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title</td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td>/TEI/teiHeader/profileDesc/textClass/keywords/term</td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td>/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td>/TEI/text/body/div[@xml:lang=VALUE OF LANGUAGE FIELD]</td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within</td>
<td></td>
</tr>
</tbody>
</table>

---

Page 270 of 389
<table>
<thead>
<tr>
<th>Location mentioned</th>
<th>E21 Person which is related to E34 Inscription using P67 refers to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
</tr>
<tr>
<td>Spelling erro variations</td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
</tr>
<tr>
<td>Height of Epigraphical</td>
<td>E54 Dimension and related to E84</td>
</tr>
<tr>
<td>Field</td>
<td>Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Paleographic Characteristics</td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span</td>
</tr>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4</td>
</tr>
</tbody>
</table>

**EAGLE Deliverable 3.1.2**

EAGLE metadata model specification
<table>
<thead>
<tr>
<th>Deliverable 3.1.2</th>
<th>EAGLE metadata model specification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>has time-span.</td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
</tr>
</tbody>
</table>

```xml
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi
story/origin/origDate
```

paragraph in datation du text

<table>
<thead>
<tr>
<th>Chronology</th>
<th>E4 Period and related to E12 Production via P10 falls within</th>
</tr>
</thead>
</table>

```xml
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period
```

<table>
<thead>
<tr>
<th>Dating arguments</th>
<th>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</th>
</tr>
</thead>
</table>

```xml
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence
```

<table>
<thead>
<tr>
<th>Engraving technique</th>
<th>E55 Type related to E12 Production via P32 used general technique</th>
</tr>
</thead>
</table>

```xml
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs
```

<table>
<thead>
<tr>
<th>Author of inscription</th>
<th>E21 Person and related to E12 Production via P14 carried out by</th>
</tr>
</thead>
</table>

| Deducator              | E21 Person and related to E12 Production via P14 carried out by |

<table>
<thead>
<tr>
<th>Event of Inscription</th>
<th>E7 Activity and related to E12 Production via P17 was motivated by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restoration</td>
<td>E11 Modification and related to E84 Information Carrier via P31i was modified by</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Comments</td>
<td>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</td>
</tr>
<tr>
<td>Monuments</td>
<td>E22 Man-Made Object</td>
</tr>
<tr>
<td>Object Type</td>
<td>E55 Type and related to E22 Man-Made Object via P2 has type</td>
</tr>
<tr>
<td>Material</td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
</tr>
<tr>
<td>Description</td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
</tr>
<tr>
<td>Monument height</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and related to E22 Man-Made Object using</td>
</tr>
</tbody>
</table>
the EAGLE custom property PEGL has decoration

<table>
<thead>
<tr>
<th>State of preservation</th>
<th>E3 Condition State related to E22 Man-Made Object via P44 has condition</th>
<th>État de conservation</th>
</tr>
</thead>
</table>

| Ancient find spot | The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier. | site nom antique (with Pleiades URI) |
| Region Type                      | Place Appellation | Relevant TEI Elements                                                                 | Province Romaine  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Roman Province /Italic Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
<td>province romaine (NOT IN THE EPIDOC)</td>
</tr>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
<td></td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
<td></td>
</tr>
<tr>
<td>Modern region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
<td></td>
</tr>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
<td></td>
</tr>
<tr>
<td>Year of find</td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when</td>
<td></td>
</tr>
<tr>
<td>Place of Conservation</td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement</td>
<td></td>
</tr>
</tbody>
</table>

Conditions de découverte

Lieu de conservation
<table>
<thead>
<tr>
<th><strong>Region of conservation</strong></th>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Country of conservation</strong></td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td><strong>Museum</strong></td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper</td>
</tr>
<tr>
<td><strong>Position</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Inventory Number</strong></td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by</td>
</tr>
<tr>
<td><strong>Translations</strong></td>
<td>E33 Linguistic Object and linked from E34</td>
</tr>
<tr>
<td>Translation text</td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
</tr>
<tr>
<td>Translation language</td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
</tr>
<tr>
<td>Translation author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
</tr>
<tr>
<td>Translation rights</td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
</tr>
<tr>
<td><strong>Publication title</strong></td>
<td>If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Year of publication</strong></td>
<td>E52 Time Span and related to the E7 Activity via P4 has time span.</td>
</tr>
<tr>
<td><strong>Place of publication</strong></td>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
</tr>
<tr>
<td><strong>Publication author</strong></td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
</tr>
<tr>
<td><strong>Visual representation objects</strong></td>
<td>E73 Information Object and its subclass E38 Image. These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions</td>
</tr>
</tbody>
</table>
and translations. They can be of any of the following types:
- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

<table>
<thead>
<tr>
<th>Object identification within the content provider repository</th>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td><strong>Visual representation rights</strong></td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---</td>
</tr>
<tr>
<td><strong>Creation date</strong></td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td><strong>Visual representation author</strong></td>
<td>E39 Actor or its subclass E21 Person which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by</td>
</tr>
<tr>
<td><strong>Visual representation description</strong></td>
<td>E62 String related to E73 Information Object via P3 has note</td>
</tr>
<tr>
<td><strong>Images</strong></td>
<td>E38 Image</td>
</tr>
<tr>
<td><strong>Image width</strong></td>
<td>E54 Dimension and related to E73</td>
</tr>
<tr>
<td>Image height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>3D models</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>3D model height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Element Name</td>
<td>CIDOC - CRM</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Metadata information</td>
<td></td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
</tr>
<tr>
<td>Provider of metadata</td>
<td></td>
</tr>
<tr>
<td>Language of</td>
<td></td>
</tr>
<tr>
<td>metadata</td>
<td>g</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Metadata rights</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
</tr>
<tr>
<td>Metadata modification date</td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
</tr>
<tr>
<td>Object Title</td>
<td>E35 Title related to E34 Inscription via P102 has title</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to</td>
</tr>
<tr>
<td>--------------------------</td>
<td>---------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to</td>
</tr>
<tr>
<td>Bibliography</td>
<td>/TEI/text/body/div</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
</tr>
<tr>
<td>Spelling errors variations</td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td>/TEI/text/body/div/p</td>
</tr>
<tr>
<td>Epigraphical fields</td>
<td>E84 Information Carrier and it is related from E34 Inscription via P128i is carried by</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Metre</td>
<td>E55 Type and related using the EAGLE custom property PEGL has metre</td>
</tr>
<tr>
<td>Height of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>Width of Epigraphical Field</td>
<td>E54 Dimension and related to E84 Information Carrier via P43 has dimension</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has</td>
</tr>
<tr>
<td>Dimension</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via P10 is produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
</tr>
<tr>
<td>Chronology</td>
<td>E4 Period and related to E12 Production via P10 falls within</td>
</tr>
<tr>
<td>Category</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Dating arguments</td>
<td>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</td>
</tr>
<tr>
<td>Engraving technique</td>
<td>E55 Type related to E12 Production via P32 used general technique</td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
</tr>
<tr>
<td>Deducator</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17 was motivated by</td>
</tr>
<tr>
<td>Restoration</td>
<td>E11 Modification and related to E84 Information Carrier via P31i was modified by</td>
</tr>
<tr>
<td>Comments</td>
<td>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</td>
</tr>
<tr>
<td>Monuments</td>
<td>E22 Man-Made Object</td>
</tr>
<tr>
<td>Object Type</td>
<td>E55 Type and related to E22 Man-Made Object via P2 has type</td>
</tr>
</tbody>
</table>

Comments:

It is represented by an E62 String and related to E84 Information Carrier via P3 has note.
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>TEI XPath</th>
<th>Description/Inscription...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/material</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>Description</td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>Monument height</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/r</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>State of preservation</td>
<td>E3 Condition State related to E22 Man-Made Object via P44 has condition</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</td>
<td>Inscription/Description...</td>
</tr>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
<td>Inscription/Description...</td>
</tr>
</tbody>
</table>
using E7 Activity related to E22 Man-Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.

<table>
<thead>
<tr>
<th>Roman Province / Italic Region</th>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Modern region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is</td>
</tr>
<tr>
<td><strong>EAGLE Deliverable 3.1.2</strong></td>
<td><strong>EAGLE metadata model specification</strong></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td></td>
</tr>
<tr>
<td><strong>Year of find</strong></td>
<td>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</td>
</tr>
<tr>
<td><strong>Place of Conservation</strong></td>
<td>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td><strong>Region of conservation</strong></td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The</td>
</tr>
</tbody>
</table>

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/region/placeName
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>TEI Tag</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geonames ID</td>
<td>Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placeName</td>
<td>Inscription/Descriptive_data/Conservation/Country_of_conservation</td>
</tr>
<tr>
<td>Country of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placeName</td>
<td>Administrative_data/External_object_reference/Ownership_rights_institution</td>
</tr>
<tr>
<td>Museum</td>
<td>E39 Actor related to E22 Man-Made Object via P50 has current keeper</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository</td>
<td>Administrative_data/External_object_reference/Ownership_rights_institution</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection</td>
<td>Administrative_data/External_object_reference/Ownership_rights_institution</td>
</tr>
<tr>
<td>Inventory Number</td>
<td>E42 Identifier related to E22 Man-Made Object via P1 is identified by</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno</td>
<td>Administrative_data/External_object_reference/External_source_catalogue_number</td>
</tr>
<tr>
<td>Translations</td>
<td>E33 Linguistic Object and linked from E34 Inscription via property P73 has translation</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno</td>
<td>Administrative_data/External_object_reference/Ownership_rights_institution</td>
</tr>
<tr>
<td>Translation text</td>
<td>E62 String and related to E33 Linguistic Object via P3 has note</td>
<td>/TEI/text/body/div</td>
<td>Inscription/Descriptive_data/Translation</td>
</tr>
<tr>
<td><strong>Translation language</strong></td>
<td>E56 Language and related to E33 Linguistic Object via P72 has language</td>
<td>/TEI/text/body/div/TEI/text/body/div/@xml:lang</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------------------------------------</td>
<td>-----------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Translation author</strong></td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation and related to E21 Person via property P131 is identified by.</td>
<td>Inscription/Descriptive_data/Translation/translator</td>
<td></td>
</tr>
<tr>
<td><strong>Translation rights</strong></td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Publiction title</strong></td>
<td>If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object</td>
<td>Inscription/Descriptive_data/Translation/publication</td>
<td></td>
</tr>
</tbody>
</table>
via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of publication</td>
<td>E52 Time Span and related to the E7 Activity via P4 has time span.</td>
</tr>
<tr>
<td>Place of publication</td>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
</tr>
<tr>
<td>Publication author</td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
</tr>
<tr>
<td>Visual representation objects</td>
<td>E73 Information Object and its subclass E38 Image.</td>
</tr>
<tr>
<td></td>
<td>These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types: § Image (Photographs, Drawings, Graphics,</td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Visual representation URL</td>
<td>E42 Identifier and related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td></td>
<td>It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url</td>
</tr>
<tr>
<td>Visual representation title</td>
<td>E35 Title and related to E73 Information Object via P102 has title</td>
</tr>
<tr>
<td>Visual representation type</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation format</td>
<td>E55 Type and related to E73 Information Object via P2 has type</td>
</tr>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation rights</td>
<td></td>
</tr>
<tr>
<td>Creation date</td>
<td>The event of the creation of the resource is represented by an</td>
</tr>
<tr>
<td><strong>EAGLE metadata model specification</strong></td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Instance of E65 Creation related to</strong></td>
<td></td>
</tr>
<tr>
<td><strong>E73 Information Object via property</strong></td>
<td></td>
</tr>
<tr>
<td><strong>P94i was created by. The creation</strong></td>
<td></td>
</tr>
<tr>
<td><strong>date is represented by E52 Time Span</strong></td>
<td></td>
</tr>
<tr>
<td><strong>and related to E65 Creation via P4 has</strong></td>
<td></td>
</tr>
<tr>
<td><strong>time span.</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Visual representation author</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E39 Actor or its subclass E21</strong></td>
</tr>
<tr>
<td><strong>Person which is related to the</strong></td>
</tr>
<tr>
<td><strong>instance of E65 Creation</strong></td>
</tr>
<tr>
<td><strong>representing the creation event via</strong></td>
</tr>
<tr>
<td><strong>property P14 carried out by. The</strong></td>
</tr>
<tr>
<td><strong>name of the author is represented by</strong></td>
</tr>
<tr>
<td><strong>an instance of E82 Actor Appellation</strong></td>
</tr>
<tr>
<td><strong>and related to the author instance via</strong></td>
</tr>
<tr>
<td><strong>P14 carried out by</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Visual representation description</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E62 String related to E73 Information</strong></td>
</tr>
<tr>
<td><strong>Object via P3 has note</strong></td>
</tr>
</tbody>
</table>

| **Images** | **E38 Image** |

| **Image width** | **E54 Dimension and related to E73 Information Object via P43 has dimension.** |

<p>| <strong>Image height</strong> | <strong>E54 Dimension and related to E73 Information Object via P43 has</strong> |</p>
<table>
<thead>
<tr>
<th>Dimension</th>
<th>EAGLE Metadata Model Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D models</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>3D model height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model volume</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Videos</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>Video width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>dimension</td>
<td>Video height</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Video duration</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Video rate</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
</tr>
</tbody>
</table>
## ANNEX V - DETAILED MAPPING TABLE FOR EDM

<table>
<thead>
<tr>
<th>Element Name</th>
<th>CIDOC - CRM</th>
<th>EDM</th>
<th>xpath</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata information</td>
<td></td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@who</td>
</tr>
<tr>
<td>Metadata author</td>
<td></td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/authority</td>
</tr>
<tr>
<td>Provider of metadata</td>
<td>edm:dataProvider</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang</td>
</tr>
<tr>
<td>Language of metadata</td>
<td>dc:language</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/availability/licence</td>
</tr>
<tr>
<td>Metadata rights</td>
<td>edm:rights</td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
</tr>
<tr>
<td>Metadata modification date</td>
<td></td>
<td></td>
<td>/TEI/teiHeader/revisionDesc/change/@when</td>
</tr>
<tr>
<td>Inscription</td>
<td>E34 Inscription</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object identification within the content provider repository</td>
<td>E42 Identifier</td>
<td></td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Object URI within the content provider repository</td>
<td>E42 Identifier</td>
<td>edm:isShownAt</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Trismegistos number</td>
<td>E42 Identifier</td>
<td>owl:sameAs</td>
<td>/TEI/teiHeader/fileDesc/publicationStmt/idno</td>
</tr>
<tr>
<td>Object Title related to E34 Inscription</td>
<td>E35 Title</td>
<td>dc:title</td>
<td>/TEI/teiHeader/fileDesc/titleStmt/title</td>
</tr>
<tr>
<td>Type of inscription</td>
<td>Description</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>via P102 has title</td>
<td>E55 Type related to E34 Inscription via P103 was intended for</td>
<td>dc:type /TEI/teiHeader/profileDesc/textClass/keywords/term</td>
<td></td>
</tr>
<tr>
<td>Text of inscription</td>
<td>E62 String and related to E34 Inscription via P3 has note</td>
<td>edm:type (TEXT) /TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text</td>
<td></td>
</tr>
<tr>
<td>Transcription language</td>
<td>E56 Language and related to E34 Inscription via P72 has language</td>
<td>subject /TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD</td>
<td></td>
</tr>
<tr>
<td>Names mentioned</td>
<td>E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location mentioned</td>
<td>E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refers To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bibliography</td>
<td><code>dcterms:isReferenced By</code></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honorand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political-Social status</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical Apparatus</td>
<td><code>/TEI/text/body/div</code></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erasures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spelling errors variations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Editorial additions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commentary</td>
<td><code>/TEI/text/body/div/p</code></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Epigraphical fields**

| E84 Information Carrier and it is related from E34 Inscription via P128i is carried by |

**Metre**

| E55 Type and related using the EAGLE custom property PEGL has metre |

**Height of Epigraphical Field**

| E54 Dimension and related to E84 Information Carrier via |

`/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/hight`
### EAGLE Deliverable 3.1.2
### EAGLE metadata model specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>XML Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width of Epigraphical Field</td>
<td>P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width</td>
</tr>
<tr>
<td>Paleographic Characteristics</td>
<td>E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote</td>
</tr>
<tr>
<td>Letter size</td>
<td>E54 Dimension related to E84 Information Carrier via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height</td>
</tr>
<tr>
<td>Dating</td>
<td>The creation of the inscription (this epigraphical field) is represented by an instance of E12 Production and related to E84 Information Carrier via edm:TimeSpan</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin</td>
</tr>
</tbody>
</table>
P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span.

<table>
<thead>
<tr>
<th>Description</th>
<th>EDM Tag</th>
<th>XML Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dating-from</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
<td>edm:begin /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore</td>
</tr>
<tr>
<td>Dating-to</td>
<td>E52 Time Span and related to E12 Production via P4 has time-span.</td>
<td>edm:end /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter</td>
</tr>
<tr>
<td>Dating-day</td>
<td>E61 Time Primitive</td>
<td></td>
</tr>
<tr>
<td>Dating-month</td>
<td>E61 Time Primitive</td>
<td></td>
</tr>
<tr>
<td>Dating-year</td>
<td>E61 Time Primitive</td>
<td></td>
</tr>
<tr>
<td>Dating-uncertainty</td>
<td>E62 String</td>
<td></td>
</tr>
<tr>
<td>Dating-Text</td>
<td>E62 String</td>
<td></td>
</tr>
<tr>
<td>Chronology</td>
<td>E4 Period and related to E12 Production via P10 falls</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period</td>
</tr>
<tr>
<td>Category</td>
<td>Description</td>
<td>TEI Path</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>----------</td>
</tr>
<tr>
<td>Dating arguments</td>
<td>E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence</td>
</tr>
<tr>
<td>Engraving technique</td>
<td>E55 Type related to E12 Production via P32 used general technique</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs</td>
</tr>
<tr>
<td>Author of inscription</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>Dedicator</td>
<td>E21 Person and related to E12 Production via P14 carried out by</td>
<td></td>
</tr>
<tr>
<td>Event of Inscription</td>
<td>E7 Activity and related to E12 Production via P17 was</td>
<td></td>
</tr>
<tr>
<td></td>
<td>motivational by</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td><strong>Restoration</strong></td>
<td>E11 Modification and related to E84 Information Carrier via P31i was modified by</td>
<td></td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>It is represented by an E62 String and related to E84 Information Carrier via P3 has note</td>
<td></td>
</tr>
<tr>
<td><strong>Monuments</strong></td>
<td>E22 Man-Made Object</td>
<td></td>
</tr>
<tr>
<td><strong>Object Type</strong></td>
<td>E55 Type and related to E22 Man-Made Object via P2 has type</td>
<td></td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td>E57 Material and related to E22 Man-Made Object via P45 consist of</td>
<td></td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>E62 String related to E22 Man-Made Object via P3 has note</td>
<td></td>
</tr>
<tr>
<td><strong>Monument height</strong></td>
<td>E54 Dimension</td>
<td></td>
</tr>
</tbody>
</table>

```
edm:PhysicalThing
/dc:type
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/objectType
/dc:description
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height
```
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>XML Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monument width</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/width</td>
</tr>
<tr>
<td>Monument depth</td>
<td>E54 Dimension and related to E22 Man-Made Object via P43 has dimension</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/depth</td>
</tr>
<tr>
<td>Decoration</td>
<td>E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</td>
</tr>
<tr>
<td>State of preservation</td>
<td>E3 Condition State related to E22 Man-Made Object via P44 has condition</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs</td>
</tr>
<tr>
<td>Ancient find spot</td>
<td>The event of finding the object is modelled here using E7 Activity related to E22 Man-Made Object</td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
</tr>
<tr>
<td>Made Object via property P16i was used for. First, an instance of E53 Place is created to represent the exact location where the object was found. Then, a new instance of the same class is created to represent the ancient find spot and related to the first one via property P89 falls within. The name of the ancient find spot is then recorded by an instance of E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roman Province / Italic Region</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Trismegistos Geo ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>dcterms:isPartOf /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Modern find spot</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
<td>lawd:foundAt /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>Modern Province</td>
<td>E44 Place Appellation</td>
<td>dcterms:spatial /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
</tbody>
</table>
and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.

<table>
<thead>
<tr>
<th>Modern region</th>
<th>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</th>
<th>dcterms:spatial /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Country</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td>dcterms:spatial /TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</td>
</tr>
<tr>
<td>EAGLE metadata model specification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year of find</th>
<th>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>edm:hasMet</td>
</tr>
<tr>
<td></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Place of Conservation</th>
<th>First an instance of E53 Place is created to represent the place of conservation and related to the monument object (E22 Man-Made Object) via property P55 has current location. The name of the place of conservation is then recorded by an instance of E44 Place Appellation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>edm:currentLocation</td>
</tr>
<tr>
<td></td>
<td>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement</td>
</tr>
<tr>
<td>Region of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Country of conservation</td>
<td>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is</td>
</tr>
</tbody>
</table>
| **EAGLE Deliverable 3.1.2**
| **EAGLE metadata model specification** |

<table>
<thead>
<tr>
<th><strong>recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Museum</strong></th>
<th>E39 Actor related to E22 Man-Made Object via P50 has current keeper</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Position</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Inventory Number</strong></th>
<th>E42 Identifier related to E22 Man-Made Object via P1 is identified by</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Translations</strong></th>
<th>E33 Linguistic Object and linked from E34 Inscription via property P73 has translation</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Translation text</strong></th>
<th>E62 String and related to E33 Linguistic Object via P3 has note</th>
</tr>
</thead>
</table>

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection

/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno

/TEI/text/body/div
<table>
<thead>
<tr>
<th>Translation language</th>
<th>E56 Language and related to E33 Linguistic Object via P72 has language</th>
<th>/TEI/text/body/div/head/TEI/text/body/div/@xml:lang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Translation author</td>
<td>The event that produces as a result the translated text is represented by an instance of E65 Creation and related to E33 Linguistic Object via property P94i was created by. Then the author of the inscription is represented by an instance of E21 Person and related to E65 Creation via P14 carried out by. Finally the name of the author is represented by an instance of E82 Actor Appellation</td>
<td>edm:Agent</td>
</tr>
<tr>
<td>EAGLE Deliverable 3.1.2</td>
<td>EAGLE metadata model specification</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------------------------</td>
<td></td>
</tr>
<tr>
<td>and related to E21 Person via property P131 is identified by.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Translation rights</strong></td>
<td>E30 Right and related to E33 Linguistic Object via property P104 is subject to</td>
<td></td>
</tr>
<tr>
<td><strong>Publication title</strong></td>
<td>If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object via property P16i was used for. The title of the publication is represented then by an instance of E35 Title and related to E7 Activity via P102 has title.</td>
<td></td>
</tr>
<tr>
<td>Year of publication</td>
<td>E52 Time Span and related to the E7 Activity via P4 has time span.</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Place of publication</td>
<td>E53 Place and related to the E7 Activity via P7 took place at</td>
<td></td>
</tr>
<tr>
<td>Publication author</td>
<td>E39 Actor and related to the E7 Activity via P11 had participant</td>
<td></td>
</tr>
<tr>
<td>Visual representation objects</td>
<td>E73 Information Object and its subclass E38 Image. These objects may refer either to physical objects such as monuments or epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following</td>
<td></td>
</tr>
</tbody>
</table>
## EAGLE metadata model specification

**Types:**
- Image (Photographs, Drawings, Graphics, Orthophotos, etc.)
- PDF 3D
- Text
- 3D model
- Video

### Visual representation URL

<table>
<thead>
<tr>
<th>E42 Identifier and related to E73 Information Object via P1 is identified by</th>
<th>edm:isShownAt</th>
<th>It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url</th>
</tr>
</thead>
</table>

### Visual representation title

<table>
<thead>
<tr>
<th>E35 Title and related to E73 Information Object via P102 has title</th>
</tr>
</thead>
</table>

### Visual representation type

<table>
<thead>
<tr>
<th>E55 Type and related to E73 Information Object via P2 has type</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>E55 Type and related to E73 Information Object via P2 has type</th>
<th></th>
<th></th>
</tr>
</thead>
</table>

---

Page 318 of 389
<table>
<thead>
<tr>
<th>format</th>
<th>Information Object via P2 has type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual representation inventory number</td>
<td>E42 Identifier related to E73 Information Object via P1 is identified by.</td>
</tr>
<tr>
<td>Visual representation rights</td>
<td></td>
</tr>
<tr>
<td>Creation date</td>
<td>The event of creation of the resource is represented by an instance of E65 Creation related to E73 Information Object via property P94i was created by. The creation date is represented by E52 Time Span and related to E65 Creation via P4 has time span.</td>
</tr>
<tr>
<td>Visual representation author</td>
<td>E39 Actor or its subclass E21 Person</td>
</tr>
</tbody>
</table>
which is related to the instance of E65 Creation representing the creation event via property P14 carried out by. The name of the author is represented by an instance of E82 Actor Appellation and related to the author instance via P14 carried out by

<table>
<thead>
<tr>
<th>Visual representation description</th>
<th>E62 String related to E73 Information Object via P3 has note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Images</td>
<td>E38 Image</td>
</tr>
<tr>
<td>Image width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Image height</td>
<td>E54 Dimension and related to E73 Information</td>
</tr>
<tr>
<td>3D models</td>
<td>E73 Information Object</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>-------------------------------------------------------------</td>
</tr>
<tr>
<td>3D model height</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model length</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model width</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model area</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>3D model perimeter</td>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
</tr>
<tr>
<td>Information Object via P43 has dimension.</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>3D model volume</td>
<td></td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension.</td>
<td></td>
</tr>
<tr>
<td>Videos</td>
<td></td>
</tr>
<tr>
<td>E73 Information Object</td>
<td></td>
</tr>
<tr>
<td>Video width</td>
<td></td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>Video height</td>
<td></td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>Video duration</td>
<td></td>
</tr>
<tr>
<td>E54 Dimension and related to E73 Information Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>Video rate</td>
<td></td>
</tr>
<tr>
<td>E54 Dimension and related</td>
<td></td>
</tr>
<tr>
<td>to E73 Information Object via P43 has dimension</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>---</td>
</tr>
</tbody>
</table>
ANNEX VI - MANDATORY EDM ELEMENTS

This part describes the current version of the Europeana Data Model (EDM), highlighting its mandatory elements and comparing them with the previous version (ESE, Europeana Semantic Elements). It will also be of paramount importance when mapping from EAGLE metadata schema to EDM. Since ALL EDM mandatory fields need to appear on the Europeana portal when data will be published (Europeana will not publish data missing these mandatory fields), it is strongly recommended that content providers will guarantee well in advance that these will appear in their own schemas, prior the mapping process. During the harmonization procedure it is necessary to allow Providers to map directly into the EAGLE metadata elements, or to choose from a set of constant values (see the elements indicated by the blue arrow).

Mandatory fields are indicated by the red arrow.

Setting constant values for a specific field are indicated by the blue arrow.

ESE and EDM

Mandatory fields in ESE v3.4¹

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>europeana:rights</td>
<td>Changed to Mandatory. Clarification of use of this element and dc:rights</td>
</tr>
<tr>
<td>europeana:dataProvider</td>
<td>Mandatory</td>
</tr>
<tr>
<td>dc:language</td>
<td>Mandatory for objects with type TEXT, strongly recommended for other types where appropriate.</td>
</tr>
<tr>
<td>dc:title or dc:description</td>
<td>Mandatory to provide one of these two</td>
</tr>
<tr>
<td>dc:subject, dc:type, dc:coverage, dcterms:spatial</td>
<td>Mandatory to provide one of these four</td>
</tr>
<tr>
<td>europeana:country</td>
<td>Europeana enters the country name of data provider as part of the ingestion process but can only do this accurately only if Providers (aggregators) provide datasets by country.</td>
</tr>
<tr>
<td>europeana:isShownAt</td>
<td>Mandatory</td>
</tr>
<tr>
<td>europeana:isShownBy</td>
<td>Mandatory</td>
</tr>
</tbody>
</table>

¹ Europeana Semantic Elements v3.4.1: [http://pro.europeana.eu/documents/900548/dc80802e-6efb-4127-a98e-c27c95396d57](http://pro.europeana.eu/documents/900548/dc80802e-6efb-4127-a98e-c27c95396d57). The Europeana Semantic Elements (ESE) consist of the 15 original Dublin Core (DC) metadata elements, a subset of the DC terms and a set of thirteen elements which were created to meet Europeana’s needs.
The mandatory fields IN EDM are the same as in ESE.

In EDM it is also mandatory to provide unique (and preferably persistent) identifiers for the `edm:providedCHO` and `ore:Aggregation` classes.

**EDM mapping guidelines**

The guidelines³ present 7 classes selected for the first implementation of EDM: core classes represent cultural heritage objects and the contextual classes those associated with it.

The **core classes** are:

- The cultural heritage object itself, e.g. a painting, a movie, a music score, a book, etc. (`edm:ProvidedCHO`)
- The web resource where the digital representation of the object is published, e.g. the digital image of the painting (`edm:WebResource`)
- The aggregation that groups classes together and represent the result of the provider’s activity (`ore:Aggregation`)

The **contextual classes** are:

- Who (`edm:Agent`)
- Where (`edm:Place`)
- When (`edm:TimeSpan`)
- What (skos:Concept)

**The Core EDM classes**

Below you will find a description of classes listing all the properties that could be used with that class, according to the model. Only a subset of properties will be implemented at this stage. Properties marked with grey will be used only in a later stage and therefore should NOT be mapped for now.

---


³For further information, read the EDM Definition v. 5.2.3 [http://pro.eupean.eu/documents/900548/bb6b51df-ad11-4a78-8d8a-44cc41810f22](http://pro.eupean.eu/documents/900548/bb6b51df-ad11-4a78-8d8a-44cc41810f22) that gives a full declaration of the classes and properties. It is also possible to refer to the Europeana Semantic Element Specification v 3.4 [http://pro.eupean.eu/documents/900548/dc8082e-6e1b-4127-a98e-c27c95396d57](http://pro.eupean.eu/documents/900548/dc8082e-6e1b-4127-a98e-c27c95396d57) that has the full specification for the Dublin Core elements and the ESE elements reused in EDM.
1. Properties for the provided cultural heritage objects (edm:ProvidedCHO)

These are the properties that can be used for the class edm:ProvidedCHO. They are the attributes of the cultural heritage object (CHO) itself, and not their digital representation.

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>owl:sameAs</td>
<td>Use to point to your own (linked data) representation of the object, if you have already minted a URI identifier for it. It is also possible to provide URIs minted by third-parties for the object</td>
<td>ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>rdf:type</td>
<td>Use to indicate if this resource is of a given ‘real world object’ type – it could be edm:PhysicalThing or a more specific class</td>
<td>ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:contributor</td>
<td>For contributors to the CHO. If possible supply the identifier of the contributor from an authority source</td>
<td>Literal or ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:coverage</td>
<td>The spatial or temporal topic of the CHO. Use the more precise dcterms:spatial or dcterms:temporal properties if the data will support it. <strong>One of dc:coverage or dc:subject or dc:type or dcterms:spatial MUST be provided</strong></td>
<td>Literal or ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:creator</td>
<td>For the creator of the CHO. If possible supply the identifier of the creator from an authority source</td>
<td>Literal or ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:date</td>
<td>Use for a significant date in the life of the CHO. Consider the sub-properties of dcterms:issued</td>
<td>Literal or ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:description</td>
<td>A description of the CHO. <strong>Either dc:description or dc:title MUST be provided</strong></td>
<td>Literal or ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:format</td>
<td>Use the format of a born digital cultural heritage objects or for other terms applied to the CHO</td>
<td>Literal or ref</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:identifier</td>
<td>An identifier of the original CHO (Use the value ‘3D-PDF’ if appropriate to trigger portal icon display)</td>
<td>Literal</td>
<td>min 0, max unbounded</td>
</tr>
<tr>
<td>dc:language</td>
<td>The language of text CHO(s) and also for other types of CHO if there is a language aspect. <strong>Mandatory for TEXT objects,</strong></td>
<td>Literal</td>
<td>min 0, max unbounded</td>
</tr>
</tbody>
</table>

---

\[4\] From the guidelines it is dc:title or dc:description. Although providing both elements would be preferred if meaningful values can be provided for both (European technical team suggestion).
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Type</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>dc:здublisher</td>
<td>The name of the publisher of the CHO. If possible supply the identifier of the publisher from an authority source.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dc:relation</td>
<td>The name or identifier of a related resource, generally used for other related CHO. Cf. Edm:isRelatedTo</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dc:rights</td>
<td>Use to give the names of the rights holder of the CHO if possible or for more general rights information. Note the difference between this property and the use of the controlled edm:rights property which relates to the digital objects (see WebResource and Aggregation tables).</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dc:source</td>
<td>The source of the original CHO. This property should no longer be used for the name of the content holder: for this, see edm:dataProvider in the ore:Aggregation table</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dc:subject</td>
<td>The subject of the CHO. <strong>One of dc:subject or dc:coverage or dc:type or dcterms:spatial MUST be provided</strong></td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dc:title</td>
<td>The title of the CHO. <strong>Either dc:title or dc:description MUST be provided</strong></td>
<td>Literal</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dc:type</td>
<td>The nature or genre of the CHO. Ideally the term(s) will be taken from a controlled vocabulary. <strong>One of dc:type or dc:subject or dc:coverage or dcterms:spatial MUST be provided</strong></td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:alternative</td>
<td>Any alternative title of the CHO including abbreviations or translations</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:conformsTo</td>
<td>An established standard to which the CHO conforms</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:created</td>
<td>The date of creation of the CHO</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:extent</td>
<td>The size or duration of the CHO</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:hasFormat</td>
<td>A resource related to the CHO that is substantially the same as the CHO but in another format</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:hasPart</td>
<td>A resource that is included either physically or logically in the CHO</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:hasVersion</td>
<td>Another resource that is a version, edition or adaptation of the CHO demonstrating</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
</tbody>
</table>

\(^5\) From the guidelines it is **dc:title or dc:description. Although providing both elements would be preferred if meaningful values can be provided for both** (Europeana technical team suggestion).
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Type</th>
<th>Min Value</th>
<th>Max Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>dcterms:isFormatOf</td>
<td>Another resource that is substantially the same as the CHO but in another format.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:isPartOf</td>
<td>A resource in which the CHO is physically or logically included. This property can be used for objects that are part of a hierarchy and will be used to support an appropriate display in the portal. For that purpose it will be necessary to supply an identifier as the value.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:isReferencedBy</td>
<td>Another resource that references, cites or otherwise points to the CHO.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:isReplacedBy</td>
<td>Another resource that supplants, displaces, or supersedes the CHO.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:isRequiredBy</td>
<td>Another related resource that requires the CHO to support its function, delivery or coherence.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:issued</td>
<td>Date of formal issuances or publication of the CHO.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:versionOf</td>
<td>Another resource of which the CHO is a version, edition or adaptation, demonstrating substantive changes in content rather than format.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:medium</td>
<td>The material or physical carrier of the CHO</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:provenance</td>
<td>A statement of changes in ownership and custody of the CHO since its creation. Significant for authenticity, integrity and interpretation.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:references</td>
<td>Other resources referenced, cited or otherwise pointed to by the CHO.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:replaces</td>
<td>A related resource that is supplanted, displaced, or superseded by the CHO.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:requires</td>
<td>Another resource that is required by the described resource to support its function, delivery or coherence.</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:spatial</td>
<td>Spatial characteristics of the CHO (i.e., what the CHO represents or depict in term of space – e.g. location, co-ordinate or place). Either <strong>dcterms:spatial or dc:type or dc:subject or dc:coverage</strong> <strong>MUST be provided</strong></td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:tableOfContents</td>
<td>A list of sub-units of the CHO</td>
<td>Literal</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>dcterms:temporal</td>
<td>Temporal characteristics of the CHO, i.e., what the CHO is about or depicts in term of time (e.g. a period, date or date range)</td>
<td>Literal or ref</td>
<td>min 0, max</td>
<td>unbounded</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td>Type</td>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>edm:type</td>
<td>The provided object is one of the types accepted by Europeana and will govern which facet it appears under in the portal: TEXT, VIDEO, SOUND, IMAGE, 3D (for 3D see also dc:format)</td>
<td>Literal</td>
<td>Min 1, max 1</td>
<td></td>
</tr>
<tr>
<td>edm:unstored</td>
<td></td>
<td>Literal</td>
<td>min 0, max unbounded</td>
<td></td>
</tr>
<tr>
<td>edm:currentLocation</td>
<td>The geographic location whose boundaries presently include the CHO. If the name of a repository, building, site or other entity is used then it should include an indication of its geographic location.</td>
<td>ref</td>
<td>min 0, max 1</td>
<td></td>
</tr>
<tr>
<td>edm:hasMet</td>
<td>The identifier of an agent, a place, a time period or any other identifiable entity that the CHO may have ‘met’ in its life</td>
<td>ref</td>
<td>min 0, max unbounded</td>
<td></td>
</tr>
<tr>
<td>edm:hasType</td>
<td>The identifier of a concept, or a word or phrase from a controlled vocabulary giving the type of the CHO. E.g. Painting from the AAT thesaurus. This property can be seen as a super-property of e.g. dc:format or dc:type to support ‘What’ questions.</td>
<td>Ref or literal</td>
<td>min 0, max unbounded</td>
<td></td>
</tr>
<tr>
<td>edm:incorporates</td>
<td>The identifier of another resource that is incorporated in the described CHO. E.g. the movie ‘A Clockwork Orange’ incorporates Rossini’s ‘La gazza ladra’ in its soundtrack.</td>
<td>ref</td>
<td>min 0, max unbounded</td>
<td></td>
</tr>
<tr>
<td>edm:isDerivativeOf</td>
<td>The identifier of another resource from which the described CHO has been derived. E.g. the identifier of Moby Dick when the Italian translation is the described CHO.</td>
<td>ref</td>
<td>min 0, max unbounded</td>
<td></td>
</tr>
<tr>
<td>edm:isnextInSequence</td>
<td>The identifier of the preceding object where both objects are part of the same overall resource. Use this for objects that are part of a hierarchy or sequence to ensure correct display in the portal.</td>
<td>ref</td>
<td>min 0, max 1</td>
<td></td>
</tr>
<tr>
<td>edm:isRelatedTo</td>
<td>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</td>
<td>Ref or literal</td>
<td>min 0, max unbounded</td>
<td></td>
</tr>
<tr>
<td>edm:isRepresentationOf</td>
<td>The identifier of another object of which the described CHO is a representation. E.g. the identifier of the statue when the CHO being described is a painting of that statue.</td>
<td>Ref</td>
<td>Min 0, max 1</td>
<td></td>
</tr>
</tbody>
</table>
2. Properties for the Web Resource (edm:WebResource)

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

There could be more than one edm:WebResource for each edm:ProvidedCHO and they will be associated via the ore:Aggregation using edm:isShownAt, edm:isShownBy, edm:hasView or edm:object. Each web resource provided should have its own set of properties.

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>dc:description</td>
<td>Use for an account or description of this digital representation</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:format</td>
<td>Use for the format of this digital representation (Use the value ‘3D-PDF’ if appropriate to trigger portal icon display)</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:rights</td>
<td>Use for the name of the rights holder of this digital representation if possible or for more general right information. Note the difference between this property and the use of the mandatory, controlled edm:rights property below</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:source</td>
<td>A related resource from which this web resource is derived in whole or in part. This property should no longer be used for the name of the content holder: for this, see edm:dataProvider in the ore:Aggregation table below</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dcterms:extent</td>
<td>The size or duration of the web resource</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dcterms:issued</td>
<td>Date of formal issuance or publication of</td>
<td>Literal</td>
<td>Min 0, max</td>
</tr>
<tr>
<td>Property</td>
<td>Note</td>
<td>Value type</td>
<td>Obligation and Occurrence</td>
</tr>
<tr>
<td>--------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>dcterms:created</td>
<td>Date of creation of the web resource</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dcterms:conformsTo</td>
<td>An established standard to which the web resource conforms</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dcterms:isFormatOf</td>
<td>Another resource that is substantially the same as the web resource but in another format</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:rights</td>
<td>The value in this element will indicate the usage and access rights that apply to this digital representation. For the first implementation of EDM only the rights associated with ore:Aggregation class will be implemented. Later implementations will be able to use the edm:rights associated with individual WebResources so it is strongly recommended that a value is supplied for this property for each instance of a WebResource. See also edm:rights in the ore:Aggregation table. The value is a URI in a controlled form. See the Rights guidelines at <a href="http://pro.europeana.eu/technical-requirements">http://pro.europeana.eu/technical-requirements</a></td>
<td>ref</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>dcterms:hasPart</td>
<td>A resource that is included either physically or logically in the web resource</td>
<td>Literal or ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:isNextInSequence</td>
<td>Where one CHO has several web resources, shown by multiple instances of the edm:hasView property on the ore:Aggregation, then this property can be used to show the sequence of the objects.</td>
<td>ref</td>
<td>Min 0, max 1</td>
</tr>
</tbody>
</table>

### 3. Properties for the Aggregation (ore:Aggregation)

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>ore:aggregates</td>
<td>This property exists in principle only as it is stated through edm:aggregatedCHO and edm:hasView statements</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:aggregatedCHO</td>
<td>The identifier of the source object e.g. the Mona Lisa itself. This could be a full linked open data URI or an internal identifier.</td>
<td>Ref</td>
<td>Min 1, max 1</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Type</td>
<td>Min, Max</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------------</td>
<td>-----------</td>
</tr>
<tr>
<td>edm:dataProvider</td>
<td>The name or identifier of the data provider of the object (i.e. the organisation providing data to an aggregator). Identifiers will not be available until Europeana has implemented its Organisation profile.</td>
<td>Literal or ref</td>
<td>Min 1, max 1</td>
</tr>
<tr>
<td>edm:hasView</td>
<td>The URL of a web resource which is a digital representation of the CHO. This may be the source object itself in the case of a born digital cultural heritage object. edm:hasView should only be used where there are several views of the CHO and one (or both) of the mandatory edm:isShownBy properties have already been used. It is for cases where one CHO has several views of the same object.</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:isShownBy</td>
<td>The URL of a web view of the object. Either edm:isShownAt or edm:isShownBy is mandatory. For the previews rights see edm:rights below.</td>
<td>ref</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>edm:isShownAt</td>
<td>The URL of a web view of the object in full information context. Either edm:isShownAt or edm:isShownBy is mandatory. For the previews rights see edm:rights below.</td>
<td>ref</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>edm:object</td>
<td>The URL of a representation of the CHO which will be used for generating preview for use in the Europeana portal. This may be the same URL as edm:isShownBy.</td>
<td>ref</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td></td>
<td>See Europeana Portal Image Guidelines (<a href="http://pro.europeana.eu/technical-requirements">http://pro.europeana.eu/technical-requirements</a>) for information about previews specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>edm:provider</td>
<td>The name or identifier of the provider of the object (i.e. the organisation providing data directly to Europeana), Identifiers will not be available until Europeana has implemented its Organisation profile.</td>
<td>Literal or ref</td>
<td>Min 1, max 1</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Type</td>
<td>Min, max</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------------</td>
<td>----------</td>
</tr>
<tr>
<td>dc:rights</td>
<td>Ideally this should be applied to the edm:WebResource or the edm:ProvidedCHO. This is <strong>mandatory</strong> property and the value given here should be the rights statement that applies to the digital representation at the URL given in edm:object or edm:isShownAt and edm:isShownBy. The value should be taken from one of those listed in the Europeana Rights Guidelines.</td>
<td>Ref</td>
<td>Min 1, max 1</td>
</tr>
<tr>
<td>edm:rights</td>
<td>(<a href="http://pro.europeana.eu/technical-requirements">http://pro.europeana.eu/technical-requirements</a>) The rights statement given in this property will also apply to the previews used in the portal and will be the source of: the entry in the Rights facet on the portal; the license badge that appears under the preview on the result page. Where there are several web resources attached to one edm:ProvidedCHO the rights statement given here will be regarded as the ‘reference’ value for all the web resources so a suitable value should be chosen if the rights statements vary between different resources.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>edm:unstored</td>
<td>Ideally this should be applied to the edm:WebResource or the edm:ProvidedCHO. It is only included here for the conversion of data from ESE.</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>Edm:UGC</td>
<td>This is a mandatory property for objects that are user generated or created. The property is used to identify such content and only take the value ‘true’.</td>
<td>Literal</td>
<td>Min 0, max 1</td>
</tr>
</tbody>
</table>
Mandatory only for objects that are user generated or user created content.

The Contextual classes

The contextual classes are:

- Who (edm:Agent)
- Where (edm:Place)
- When (edm:TimeSpan)
- What (skos:Concept)

The contextual classes of edm:Agent, edm:Place, edm:TimeSpan and skos:Concept are provided to allow these entities to be modelled as separate entities from the CHO with their own properties if the data can support this treatment. When source metadata contains additional details about an entity that is distinct from the CHO (for instance, the date of birth of an author, different language versions of a subject term) then these contextual classes can be used to model that separate entity. These values are properties of that separate entity, rather than a property of the CHO and the properties can be mapped by creation of an appropriate edm contextual entity. This may be the case where the value in the property is an identifier taken from a thesaurus or authority file which will link to further information related to that entity. For example, the identifier for an Author name in an authority file will give access to fuller information about the Author.
The elements in grey are not included in the first implementation.

1. Properties for an Agent (edm:Agent)

The class edm:Agent comprises people, individually or groups, who have the potential to perform intentional actions (see EDM Definition 5.2.3 for a fuller definition of the EDM properties)

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>edm:wasPresentAt</td>
<td>The identifier of an event at which the agent was present</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:hasMet</td>
<td>The identifier of another entity which the agent has ‘met’ in a broad sense</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:isRelatedTo</td>
<td>The identifier of other entities, particularly other agents, with whom the agent is related in a generic sense</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:prefLabel</td>
<td>The preferred form of the name of the agent</td>
<td>literal</td>
<td>Min 0, max 1 per lang tag</td>
</tr>
<tr>
<td>skos:altLabel</td>
<td>Alternative forms of the name of the agent</td>
<td>literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:note</td>
<td>A note about the agent, e.g. biographical notes</td>
<td>literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:hiddenLabel</td>
<td>Used for non standard forms of the name, such as misspellings, usually in text-based search functions</td>
<td>literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>owl:sameAs</td>
<td>The URI of an agent</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>foaf:name</td>
<td>The name of the agent as a simple textual string</td>
<td>literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:date</td>
<td>A significant date associated with the agent</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:identifier</td>
<td>An identifier of the agent</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>rdaGr2:dateOfBirth</td>
<td>The date the agent (person) was born</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>rdaGr2:dateOfDeath</td>
<td>The date the agent (person) died</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>rdaGr2:dateOfEstablishment</td>
<td>The date on which the agent (group) was established or founded</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>rdaGr2:dateOfTermination</td>
<td>The date on which the agent (group) was terminated or dissolved</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>rdaGr3:gender</td>
<td>The gender with which the agent identifies</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>rdaGr2:professionOrOccupation</td>
<td>The profession or occupation in which the agent works or has</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>Property</td>
<td>Note</td>
<td>Value type</td>
<td>Obligation and Occurrence</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>rdaGr2:biographicalInformation</td>
<td>Information pertaining to the life history of the agent</td>
<td>literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:begin</td>
<td>The date the agent was born/established</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>edm:end</td>
<td>The date the agent died/terminated</td>
<td>literal</td>
<td>Min 0, max 1</td>
</tr>
</tbody>
</table>

2. Properties for a Place (edm:Place)

A spatial location identified by the provider and named according to some vocabulary or local convention

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>wgs84_pos:lat</td>
<td>The latitude of a spatial thing (decimal degrees)</td>
<td>Literal</td>
<td>min 0, max 1</td>
</tr>
<tr>
<td>wgs84_pos:long</td>
<td>The longitude of a spatial thing (decimal degrees)</td>
<td>Literal</td>
<td>min 0, max 1</td>
</tr>
<tr>
<td>wgs84_pos:alt</td>
<td>The altitude of a spatial thing (decimal metres above the reference)</td>
<td>Literal</td>
<td>min 0, max 1</td>
</tr>
<tr>
<td>wgs84_pos:lat_long</td>
<td>A comma separated representation of a latitude, longitude coordinate</td>
<td>Literal</td>
<td>min 0, max 1</td>
</tr>
<tr>
<td>skos:prefLabel</td>
<td>The preferred form of the name of the place</td>
<td>Literal</td>
<td>min 0, max 1 per lang tag</td>
</tr>
<tr>
<td>skos:altLabel</td>
<td>Alternative forms of the name of the place</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:note</td>
<td>Information relating to the place</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:hiddenLabel</td>
<td>Used for non standard forms of the name, such as misspellings, usually in text-based search functions</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:terms:hasPart</td>
<td>Identifier of a place that is part of the place being described</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dcterm:isPartOf</td>
<td>Identifier of a place that the described place is part of</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>owl:sameAs</td>
<td>URI of a Place</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
</tbody>
</table>

2. Properties for a Timespan or Period (edm:TimeSpan)

A period of time having a beginning and end and a duration.

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
</table>
### 3. Properties for a Concept (skos:Concept)

A unit of thought or meaning that comes from an organised knowledge base (such as a subject terms from a thesaurus or controlled vocabulary) where URIs or local identifiers have been created to represent each concept (i.e. in cultural heritage field the AAT)

<table>
<thead>
<tr>
<th>Property</th>
<th>Note</th>
<th>Value type</th>
<th>Obligation and Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>skos:prefLabel</td>
<td>The preferred form of the name of the concept</td>
<td>Literal</td>
<td>Min 0, max 1 per lang tag</td>
</tr>
<tr>
<td>skos:altLabel</td>
<td>Alternative forms of the name of timespan or period</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:note</td>
<td>Information relating to the timespan or period</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dc:terms:hasPart</td>
<td>The identifier of a timespan which is part of the described timespan</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>dcterms:isPartOf</td>
<td>The identifier of a timespan of which the described timespan is part</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>owl:sameAs</td>
<td>The URI of a timespan</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>crm:P79F:beginning_is_qualified_by</td>
<td>Qualifying information about the start of the timespan, such as degree of certainty, precision, source, etc.</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>crm:P80F:end_is_qualifies_by</td>
<td>Qualifying information about the end of the timespan, such as degree of certainty, precision, source, etc.</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>edm:begin</td>
<td>The date the timespan started</td>
<td>Literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>edm:end</td>
<td>The date the timespan finished</td>
<td>Literal</td>
<td>Min 0, max 1</td>
</tr>
<tr>
<td>skos:hiddenLabel</td>
<td>Used for non standard forms of the name, such as misspellings, usually in text-based search functions</td>
<td>Literal</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
<td>--------</td>
<td>----------------------</td>
</tr>
<tr>
<td>skos:broadMatch</td>
<td>The identifier of a broader, narrower or related matching concepts from other concept schemas</td>
<td>Ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:narrowMatch</td>
<td>The identifier of a broader, narrower or related matching concepts from other concept schemas</td>
<td>Ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:relatedMatch</td>
<td>The identifier of a broader, narrower or related matching concepts from other concept schemas</td>
<td>Ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:exactMatch</td>
<td>The identifier of a broader, narrower or related matching concepts from other concept schemas</td>
<td>Ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:closeMatch</td>
<td>The identifier of a broader, narrower or related matching concepts from other concept schemas</td>
<td>Ref</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:notation</td>
<td>The notation on which the concept is represented. This may not be words in natural language for some knowledge organisation systems e.g. algebra</td>
<td>String (+ rdfs:datatype attribute)</td>
<td>Min 0, max unbounded</td>
</tr>
<tr>
<td>skos:inScheme</td>
<td>The URI of a concept scheme</td>
<td>ref</td>
<td>Min 0, max unbounded</td>
</tr>
</tbody>
</table>

For further information, all the Europeana Data Model Documentation can be consulted at: [http://pro.europeana.eu/edm-documentation](http://pro.europeana.eu/edm-documentation)
ANNEX VII - XML SCHEMA FOR THE EAGLE AGGREGATOR CONCEPTUAL MODEL

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:eagle="http://www.eagle-network.eu/eagle"
    elementFormDefault="qualified" version="1" id="eagle">
    <xs:element name="eagleObject" type="eagle:eagleEntity">
        <xs:annotation>
            <xs:documentation>
                The EAGLE wrapper object. It contains the following main entities
                (sub-entities): epigraphy, trismegistos, digitalObject.
                Such entities share some common properties like resource identifier in D-Net aggregation
                system, provenance and original identifier information, Intellectual property right statement.
            </xs:documentation>
        </xs:annotation>
    </xs:element>

    <xs:element name="recordSourceInfo">
        <xs:complexType>
            <xs:simpleContent>
                <xs:extension base="xs:string">
                    <xs:attribute name="providerName" type="xs:string"/>
                    <xs:attribute name="providerAcronym" type="xs:string"/>
                    <xs:attribute name="providerURI" type="xs:anyURI"/>
                </xs:extension>
            </xs:simpleContent>
        </xs:complexType>
    </xs:element>

    <xs:element name="trismegistosCard">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="tmId" type="xs:string">
                    <xs:annotation>
                        <xs:documentation>Plain Trismegistos number</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="identifiesInscription" minOccurs="1" maxOccurs="unbounded" type="xs:string">
                    <xs:annotation>
                        <xs:documentation>Relation to an inscription</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="otherRelevantPropertiesFromTrismegistos" minOccurs="0" maxOccurs="unbounded" type="eagle:TypedStringType">
                    <xs:annotation>
                        <xs:documentation>TODo: select information from Trismegistos cards to be put here</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:schema>
<xs:element name="artifact">
  <xs:annotation>
    <xs:documentation>Generic artifact in EAGLE domain</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="artefactType">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="monument"/>
            <xs:enumeration value="inscription"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="monumentType" minOccurs="1" maxOccurs="unbounded" type="eagle:StringWithUriType"/>
      <xs:element name="material" minOccurs="1" maxOccurs="unbounded" type="eagle:StringWithUriType"/>
      <xs:element name="dimensions" minOccurs="0" maxOccurs="1" type="eagle:ThreeDimensionsType"/>
      <xs:element name="decoration" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
      <xs:element name="stateOfPreservation" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
      <xs:element name="originDating" minOccurs="0" maxOccurs="1" type="eagle:DateType"/>
      <xs:element name="yearOfFinding" minOccurs="0" maxOccurs="1" type="xs:integer"/>
      <xs:element ref="eagle:findingSpot" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="eagle:conservationPlace" minOccurs="0" maxOccurs="1"/>
      <xs:sequence>
        <xs:element ref="eagle:monument" minOccurs="0" maxOccurs="unbounded">
          <xs:annotation>
            <xs:documentation>
              Present when artifactType='monument'.
              This describes an artifact without any inscription on top of it
            </xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element ref="eagle:inscription" minOccurs="0" maxOccurs="unbounded">
          <xs:annotation>
            <xs:documentation>
              Present when artifactType='inscription'.
              This describes the inscription present on the artifact.
            </xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="findingSpot">
  <xs:annotation>
    <xs:documentation>structured property locating the place of finding</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:all>
      <xs:element name="romanProvinceItalicRegion" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
      <xs:element name="ancientFindSpot" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
    </xs:all>
  </xs:complexType>
</xs:element>
EAGLE metadata model specification

<xs:element name="modernFindSpot" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="modernCountry" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="modernRegion" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="modernProvince" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
</xs:all>
</xs:complexType>
</xs:element>
<xs:element name="conservationPlace">
<xs:annotation>
<xs:documentation>Structured property locating the place of conservation (down to position inside a museum)</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:all>
<xs:element name="conservationCountry" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="conservationRegion" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="conservationCity" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="museum" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="position" minOccurs="0" maxOccurs="1" type="xs:string"/>
<xs:element name="inventoryNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
</xs:all>
</xs:complexType>
</xs:element>
<xs:element name="inscription">
<xs:complexType>
<xs:sequence>
<xs:element ref="eagle:refersTrismegistosCard" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:element name="inscriptionType" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:annotation>
<xs:documentation>Type of the inscription</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="engravingTechnique" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType"/>
<xs:annotation>
<xs:documentation>Engraving techniques used for the inscription</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="metre" minOccurs="0" maxOccurs="1" type="xs:string"/>
<xs:annotation>
<xs:documentation>Metric of the inscription</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="fieldSize" minOccurs="0" maxOccurs="1" type="eagle:TwoDimensionsType"/>
<xs:annotation>
<xs:documentation>Dimensions of the epigraphic field</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="paleographicCharacteristics"
Paleographic Characteristics of the inscription

Author of the inscription, e.g. the creator of the inscription itself, or the name of the artist or the name of the artistic/artisan school

The person to whom the inscription was dedicated and the political/social role/position of the honorand

name of the person who devotes the inscription

names of the person(s) mentioned in the inscription

description about the event related to the purpose of the inscription

Placenames mentioned in the inscription

information regarding whether the inscription has been restored and when
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

</xs:annotation>
</xs:element>
</xs:complexType>
<xs:element name="monument">
<xs:complexType>
<xs:sequence>
</xs:complexType>
<xs:complexType>
<xs:sequence>
</xs:complexType>
<xs:complexType>
<xs:sequence>
</xs:complexType>
<xs:complexType>
<xs:sequence>
</xs:complexType>
<xs:element name="hasInscriptionVisualRepresentation" type="eagle:StringWithUriType"
minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>
D-net identifier of a related digital representation
(the uri attribute can be used to point a thumbnail for portal convenience)
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="hasTranslation" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>
Translation resource identificator
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="hasTranscription" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>
Translation resource identificator
</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="doubleSided" type="xs:string">
<xs:annotation>
<xs:documentation>
States whether the inscription is double-sided or not
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="erasures" type="xs:string">
<xs:annotation>
<xs:documentation>
It specifies whether the text of the inscription was damaged on purpose
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="spellingErrors" type="xs:string">
<xs:annotation>
<xs:documentation>
It shows if there are any spelling mistakes on the text of the inscription
</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="hasInscriptionVisualRepresentation" type="eagle:StringWithUriType"
minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>
D-net identifier of a related digital representation
(the uri attribute can be used to point a thumbnail for portal convenience)
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="hasTranslation" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>
Translation resource identificator
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="hasTranscription" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>
Translation resource identificator
</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="refersTrismegistosCard">
  <xs:annotation>
    <xs:documentation>Recommended references dnetResourcIdentifer of the related trismegistos object</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:string">
        <xs:attribute name="tm_id" type="xs:string" use="required">
          <xs:annotation>
            <xs:documentation>the plain trismegistos number</xs:documentation>
          </xs:annotation>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>

<xs:element name="documentalManifestation">
  <xs:annotation>
    <xs:documentation>Container for documents describing the inscription (i.e. transcriptions and translations)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="documentType">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="transcription"/>
            <xs:enumeration value="translation"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:choice>
        <xs:element ref="eagle:transcription"/>
        <xs:element ref="eagle:translation"/>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="visualRepresentation">
  <xs:annotation>
    <xs:documentation>Digital image representing of an EAGLE artifact/monument or context</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="representationType" minOccurs="0" maxOccurs="1">
        <xs:annotation>
          <xs:documentation>Image type among {Drawing, Photo, Computer graphics, Digitized literature, Video}</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="Image"/>
            <xs:enumeration value="Drawing"/>
            <xs:enumeration value="Digitized literature"/>
            <xs:enumeration value="Computer graphic"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:enumeration value="Video"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:element>
<xs:element name="url" minOccurs="1" maxOccurs="1" type="xs:anyURI"/>
<xs:element name="thumbnail" minOccurs="0" maxOccurs="1" type="xs:anyURI"/>
<xs:element name="author" type="xs:string" minOccurs="0" maxOccurs="1"/>
<xs:element name="visualRepresentationIpr" type="eagle:StringWithUriType"
    minOccurs="1" maxOccurs="1"/>
<xs:element name="creationDate" type="xs:string" minOccurs="0" maxOccurs="1"/>
<xs:element name="quality" type="xs:string" minOccurs="0" maxOccurs="1"/>
<xs:element name="format" type="xs:string" minOccurs="0" maxOccurs="1"/>
<xs:element name="isRepresentationOf" minOccurs="0" maxOccurs="unbounded"
    type="xs:string"/>
<xs:annotation>
    <xs:documentation>D-net identifier of a physical object the picture refers to</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="info3D" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>Present only if the visual representation is a 3D rendering (i.e. computer graphics)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="acquisitionTechnology" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="processingInfo" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="horizontalResolution" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="verticalResolution" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="modelDimensions" type="eagle:ThreeDimensionsType"
                minOccurs="0" maxOccurs="1"/>
            <xs:element name="modelArea" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="modelPerimeter" type="xs:string" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="infoVideo" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>Present only if the visual representation is a video resource (i.e. video)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="duration" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="resolution" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="rate" type="xs:string" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:annotation>
</xs:element>
<xs:element name="info3D" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>Present only if the visual representation is a 3D rendering (i.e. computer graphics)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="acquisitionTechnology" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="processingInfo" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="horizontalResolution" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="verticalResolution" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="modelDimensions" type="eagle:ThreeDimensionsType"
                minOccurs="0" maxOccurs="1"/>
            <xs:element name="modelArea" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="modelPerimeter" type="xs:string" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="infoVideo" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>Present only if the visual representation is a video resource (i.e. video)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="duration" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="resolution" type="xs:string" minOccurs="0" maxOccurs="1"/>
            <xs:element name="rate" type="xs:string" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="translation">
  <xs:annotation>
    <xs:documentation>
      Translation page from media wiki.
      Each page contains one or more translations in one or more languages.
      Each page reports the local identifiers of the inscriptions to which is referred.
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="content" type="eagle:StringWithLanguageType"/>
      <xs:element name="url" type="xs:anyURI" minOccurs="0" maxOccurs="1"/>
      <xs:element name="notes" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="author" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="translationIpr" type="eagle:StringWithUriType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="publicationTitle" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="publicationYear" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="publicationAuthor" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="publicationPlace" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="isTranslationOf" minOccurs="1" maxOccurs="unbounded" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="transcription">
  <xs:annotation>
    <xs:documentation>Transcription entity built from information contained inside a given epidoc file</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="text">
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="type">
                <xs:annotation>
                  <xs:documentation>Type of the transcription (sic|expanded|marked-up)</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
        <xs:element name="criticalApparatus" minOccurs="0" maxOccurs="unbounded" type="xs:string"/>
        <xs:element name="bibliography" minOccurs="0" maxOccurs="unbounded" type="eagle:StringWithUriType"/>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="commentary" minOccurs="0" maxOccurs="unbounded" type="xs:string"/>
<xs:element name="isTranscriptionOf" minOccurs="1" maxOccurs="unbounded" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>

<xs:complexType name="eagleEntity">
<xs:sequence>
<xs:element maxOccurs="1" minOccurs="1" name="dnetResourceIdentifier" type="xs:string">
<xs:annotation>
<xs:documentation>
Unique resource identifier internal to D-Net infrastructure.
This property is obtained by concatenating the content provider ID and the record ID local to the identifier. (CP_ID::OBJECT_ID)
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element ref="eagle:recordSourceInfo">
<xs:annotation>
<xs:documentation>
Original identifier locally valid at the content provider.
Additional information about record ownership are provided as attributes (provideURI, providerAcronym, providerName).
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="editingInfo" minOccurs="0" maxOccurs="1">
<xs:annotation>
<xs:documentation>Information about metadata editor/curator and time of the last modification</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:all>
<xs:element name="dateEdited" type="xs:date" minOccurs="0" maxOccurs="1"/>
<xs:element name="metadataEditor" type="xs:string" minOccurs="0" maxOccurs="1"/>
</xs:all>
</xs:complexType>
</xs:element>
<xs:element name="metadataIpr" minOccurs="0" maxOccurs="1" type="eagle:StringWithUriType">
<xs:annotation>
<xs:documentation>Intellectual property right statement assigned to the content by each Content Provider.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="title" minOccurs="0" maxOccurs="unbounded" type="eagle:StringWithLanguageType"/>
<xs:element name="description" minOccurs="0" maxOccurs="unbounded" type="eagle:StringWithLanguageType"/>
<xs:element maxOccurs="1" minOccurs="1" name="entityType">
<xs:annotation>
<xs:documentation>Entity type describing the following xs:choice</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:enumeration value="trismegistos card"/>
<xs:enumeration value="artefact"/>
<xs:enumeration value="digital representation"/>
<xs:enumeration value="documental manifestation"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

```xml
<xs:complexType name="TwoDimensionsType">
  <xs:documentation>
    Defines a type for two dimensional measures (whenever depth is not taken into account)
  </xs:documentation>
  <xs:sequence>
    <xs:element name="width" type="xs:decimal"/>
    <xs:element name="height" type="xs:decimal"/>
  </xs:sequence>
  <xs:attribute name="unit" type="xs:string"/>
</xs:complexType>
```

Page 348 of 389
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

```xml
<xs:complexType name="ThreeDimensionsType">
    <xs:annotation>
        <xs:documentation>Three dimensional measures: extends 2D dimensions type by adding the depth measure</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="eagle:TwoDimensionsType">
            <xs:sequence>
                <xs:element name="depth" type="xs:decimal"/>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>

<xs:complexType name="StringWithUriType">
    <xs:annotation>
        <xs:documentation>Defines the type for an (untyped) string referencing an external URI (e.g. a vocabulary term in Tematres)</xs:documentation>
    </xs:annotation>
    <xs:simpleContent>
        <xs:extension base="xs:string">
            <xs:attribute name="uri" type="xs:anyURI"/>
        </xs:extension>
    </xs:simpleContent>
</xs:complexType>

<xs:complexType name="StringWithLanguageType">
    <xs:annotation>
        <xs:documentation>Defines the type for any textual element characterized by a language attribute</xs:documentation>
    </xs:annotation>
    <xs:simpleContent>
        <xs:extension base="xs:string">
            <xs:attribute name="lang" type="xs:string"/>
        </xs:extension>
    </xs:simpleContent>
</xs:complexType>

<xs:complexType name="TypedStringType">
    <xs:annotation>
        <xs:documentation>Defines the type for any textual element characterized by a language attribute</xs:documentation>
    </xs:annotation>
    <xs:simpleContent>
        <xs:extension base="xs:string">
            <xs:attribute name="type" type="xs:string"/>
        </xs:extension>
    </xs:simpleContent>
</xs:complexType>
```

</xs:schema>
ANNEX VIII EAGLE CIDOC RDF REPRESENTATION EXAMPLE OF A PHOTO IN EDH

```xml
     xmlns:dc="http://purl.org/dc/elements/1.1/
     xmlns:dcterms="http://purl.org/dc/terms/
     xmlns:lawd="http://lawd.info/ontology/
     xmlns:rdf="http://www.w3.org/1999/02/syntax-ns#"
     xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
     xml:lang="en">
  <rdf:Description>
    <dc:creator>Pietro Maria Liuzzo</dc:creator>
    <dc:license>http://creativecommons.org/publicdomain/zero/1.0/</dc:license>
    <dc:date>2014-12-03</dc:date>
    <dc:language>SP</dc:language>
  </rdf:Description>
  <crm:E38_Image rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/foto/F000001">
    <crm:P48_has_preferred_identifier>
      <crm:E42_Identifier>
        <rdf:value>F000001</rdf:value>
      </crm:E42_Identifier>
    </crm:P48_has_preferred_identifier>
    <crm:P70i_is_documented_in>
        <crm:E31_Document>
          <crm:P70i_is_documented_in>
            <crm:P94i_was_created_by>
              <crm:E65_Creation>
                <crm:P4_has_time-span>
                  <crm:E52_Time-Span>
                    <crm:P86_falls_within>
                      <crm:E52_Time-Span>
                        <crm:P78_is_identified_by>
                          <crm:E50_Date>
                            <rdf:value>1988</rdf:value>
                          </crm:E50_Date>
                        </crm:P78_is_identified_by>
                      </crm:P86_falls_within>
                    </crm:E52_Time-Span>
                  </crm:P86_falls_within>
                </crm:E52_Time-Span>
              </crm:E65_Creation>
            </crm:P94i_was_created_by>
          </crm:P70i_is_documented_in>
        </crm:E31_Document>
      </crm:E31_Document>
    </crm:P70i_is_documented_in>
  </crm:E38_Image>
</rdf:RDF>
```


</crm:E84_Information_Carrier>


<crm:P108i_was_produced_by>
  <crm:E12_Production/>
</crm:P108i_was_produced_by>

<crm:P31i_was_modified_by>
  <crm:E11_Modification/>
</crm:P31i_was_modified_by>

<crm:P16i_was_used_for>
  <crm:E7_Activity>
    <crm:P2_has_type rdf:value="ACTIVITY/FOUND"/>
    <crm:P7_took_place_at>
      <crm:E53_Place>
        <crm:P89_falls_within rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/place/1"/>
      </crm:E53_Place>
      <crm:P89_falls_within rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/place/3"/>
    </crm:P7_took_place_at>
  </crm:E7_Activity>
</crm:P16i_was_used_for>
<crm:P50_has_current_location rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/museum/1"></crm:P50_has_current_location>

<crm:P138i_has_representation rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/foto/F000001"></crm:P138i_has_representation>
<crm:P138i_has_representation rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/foto/xxx"></crm:P138i_has_representation>

</crm:E22_Man-Made_Object>

  <rdf:type>
    <crm:E33_Linguistic_Object></crm:E33_Linguistic_Object>
  </rdf:type>
  <rdf:label>Photographic Database Heidelberg</rdf:label>
  <crm:P72_has_language>
    <crm:E56_Language>
      <rdf:value>ger</rdf:value>
    </crm:E56_Language>
  </crm:P72_has_language>
</crm:E31_Document>

<crm:E55_Type rdf:about="http://www.europeana.eu/rights/rr-f/">
  <crm:P127_has_broader_term>
    <crm:E55_Type>
      <rdf:value>Europeana Licence URI</rdf:value>
    </crm:E55_Type>
  </crm:P127_has_broader_term>
  <crm:P70i_is_documented_in>
  </crm:P70i_is_documented_in>
</crm:E55_Type>
<crm:E53_Place rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/place/1">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Calama</rdf:value>
    </crm:E44_Place_Appellation>
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>ancientPlaceName</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:P87_is_identified_by>
  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier rdf:about="http://www.trismegistos.org/place/00000">
      <crm:P2_has_type>
        <crm:E55_Type>
          <rdf:value>Trismegistos URI</rdf:value>
        </crm:E55_Type>
      </crm:P2_has_type>
    </crm:E42_Identifier>
  </crm:P48_has_preferred_identifier>
  <crm:P89_falls_within rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/place/2"></crm:P89_falls_within>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/place/3">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Guelma</rdf:value>
    </crm:E44_Place_Appellation>
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>modernPlaceName</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:P87_is_identified_by>
  <crm:P89_falls_within rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/place/4"></crm:P89_falls_within>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/place/2">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
    </crm:E44_Place_Appellation>
    <crm:P2_has_type>
      <crm:E55_Type>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:P87_is_identified_by>
</crm:E53_Place>
<rdf:value>Africa Proconsularis</rdf:value>
</crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P2_has_type>
<crm:E55_Type>
<rdf:value>provinceItalicRegion</rdf:value>
</crm:E55_Type>
</crm:P2_has_type>
<crm:P48_has_preferred_identifier>
<crm:E42_Identifier rdf:about="http://www.trismegistos.org/place/00000">
<crm:P2_has_type>
<crm:E55_Type>
<rdf:value>Trismegistos URI</rdf:value>
</crm:E55_Type>
</crm:P2_has_type>
</crm:E42_Identifier>
</crm:P48_has_preferred_identifier>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/place/4">
<crm:P87_is_identified_by>
<crm:E44_Place_Appellation>
<rdf:value>Algerien</rdf:value>
</crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P2_has_type>
<crm:E55_Type>
<rdf:value>modernCountry</rdf:value>
</crm:E55_Type>
</crm:P2_has_type>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/place/5">
<crm:P87_is_identified_by>
<crm:E44_Place_Appellation>
<rdf:value>Guelma, Mus. Rom.</rdf:value>
</crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P2_has_type>
<crm:E55_Type>
<rdf:value>Museum</rdf:value>
</crm:E55_Type>
</crm:P2_has_type>
<crm:P89_falls_within rdf:resource="http://edh-www.adw.uni-heidelberg.de/edh/place/3"/>
</crm:P89_falls_within>
</crm:E53_Place>

<crm:E39_Actor rdf:about="http://edh-www.adw.uni-heidelberg.de/edh/museum/1">
  <rdf:value>Guelma, Mus. Rom.</rdf:value>
</crm:E39_Actor>

  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation>
      <rdf:value>Géza Alföldy</rdf:value>
    </crm:E82_Actor_Appellation>
  </crm:P131_is_identified_by>
  <crm:P71i_is_listed_in rdf:resource="http://edh-www.adw.uni-heidelberg.de/hilfe/liste/fotographen"/>
</crm:E21_Person>

</rdf:RDF>
ANNEX IX EAGLE CIDOC RDF REPRESENTATION EXAMPLE OF AN INSCRIPTION IN HE

<?xml-model href="http://www.w3.org/TR/REC-rdf-syntax/rdfxml.rnc"?>
<rdf:RDF xmlns:bmo="http://collection.britishmuseum.org/id/ontology/">
   xmlns:cito="http://purl.org/spar/cito/"
   xmlns:cnt="http://www.w3.org/2011/content#"
   xmlns:crm="http://www.cidoc-crm.org/cidoc-crm/"
   xmlns:dc="http://purl.org/dc/elements/1.1/"
   xmlns:dcterms="http://purl.org/dc/terms/"
   xmlns:dctype="http://purl.org/dc/dcmitype/"
   xmlns:foaf="http://xmlns.com/foaf/0.1/"
   xmlns:lawd="http://lawd.info/ontology/"
   xmlns:oa="http://www.openannotation.org/ns/"
   xmlns:owl="http://www.w3.org/2002/07/owl#"
   xmlns:rdf="http://www.w3.org/1999/02/rdf-syntax-ns#"
   xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#" xml:lang="en"
   xmlns:xmlns:bmo="http://collection.britishmuseum.org/id/ontology/"
   xmlns:cito="http://purl.org/spar/cito/"
   xmlns:cnt="http://www.w3.org/2011/content#"
   xmlns:crm="http://www.cidoc-crm.org/cidoc-crm/"
   xmlns:dc="http://purl.org/dc/elements/1.1/"
   xmlns:dcterms="http://purl.org/dc/terms/"
   xmlns:dctype="http://purl.org/dc/dcmitype/"
   xmlns:foaf="http://xmlns.com/foaf/0.1/"
   xmlns:lawd="http://lawd.info/ontology/"
   xmlns:oa="http://www.openannotation.org/ns/"
   xmlns:owl="http://www.w3.org/2002/07/owl#"
   xmlns:rdf="http://www.w3.org/1999/02/rdf-syntax-ns#"
   xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#" xml:lang="en"

   <rdf:Description>
      <dc:creator>Eydel Rivero</dc:creator>
      <dc:license>http://creativecommons.org/publicdomain/zero/1.0/</dc:license>
      <dc:date>2014-12-03</dc:date>
      <dc:language>SP</dc:language>
   </rdf:Description>

   <crm:E34_Inscription rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1">
      <crm:P1_is_identified_by>
         <crm:E42_Identifier>
            <rdf:value>1</rdf:value>
            <crm:P2_has_type>
               <crm:E55_Type rdf:value="IDENTIFIER/LOCALID"/>
            </crm:P2_has_type>
         </crm:E42_Identifier>
      </crm:P1_is_identified_by>

      <crm:P1_is_identified_by>
         <crm:E42_Identifier>
            <crm:P2_has_type>
               <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
            </crm:P2_has_type>
         </crm:E42_Identifier>
      </crm:P1_is_identified_by>
   </crm:E34_Inscription>
</crm:E42_Identifier>
</crm:P1_is_identified_by>

<crm:P48_has_preferred_identifier>
<crm:E42_Identifier
rdf:about="http://www.trismegistos.org/text/00000">
  <rdf:value>00000</rdf:value>
  <crm:E55_Type>
    <rdf:value>IDENTIFIER/TRISMEGISTOS/TEXT</rdf:value>
  </crm:E55_Type>
</crm:E42_Identifier>
</crm:P48_has_preferred_identifier>

<crm:P128i_is_carried_by
 rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#carrier"/>

<crm:P102_has_title>
<crm:E35_Title>
  <rdf:value
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Fragmento del epitafio de un militar</rdf:value>
</crm:E35_Title>
</crm:P102_has_title>

<crm:P2_has_type>
<crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/typeins/lo/d/69">
  <rdfs:label>Honorífica</rdfs:label>
</crm:E55_Type>
</crm:P2_has_type>

<crm:P3_has_note>
  Militias nobis et praemia [Caesar iunxit]/ accepi
gemini bis praem[ia
torquis turmae] / Armigerae primum comes al[terum] / Palatinarum
custos dat[us ita
nostras] / auxit fortunas ut avunc[uli Constantini] / olim sacrat
de nomin[e nos
decorarat] </crm:P3_has_note>

<crm:P72_has_language>
<crm:E56_Language>
  <rdf:value>la [Latin]</rdf:value>
</crm:E56_Language>
</crm:P72_has_language>

<crm:P67_refers_to>
<crm:E21_Person>
<crm:P131_is_identified_by>
   <crm:E82_Actor_Appellation>
      <rdf:value>[NAME MENTIONED]</rdf:value>
   </crm:E82_Actor_Appellation>
</crm:P131_is_identified_by>
</crm:E21_Person>
</crm:P67_refers_to>

<crm:P67_refers_to>
   <crm:E53_Place>
      <crm:P87_is_identified_by>
         <crm:E44_Place_Appellation>
            <rdf:value>[PLACE NAME]</rdf:value>
         </crm:E44_Place_Appellation>
      </crm:P87_is_identified_by>
   </crm:E53_Place>
</crm:P67_refers_to>

<dcterms:references>
   <dcterms:BibliographicResource>
      <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
      <dcterms:biblographicCitation>MAP Granada 1854</dcterms:biblographicCitation>
      </dcterms:BibliographicResource>
</dcterms:references>

<dcterms:references>
   <dcterms:BibliographicResource>
      <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
      <dcterms:biblographicCitation>Vives, ICERV (p. 293)</dcterms:biblographicCitation>
   </dcterms:BibliographicResource>
</dcterms:references>

<dcterms:references>
   <dcterms:BibliographicResource>
      <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
      <dcterms:biblographicCitation>ILPG 138, pp. 261-2</dcterms:biblographicCitation>
   </dcterms:BibliographicResource>
</dcterms:references>

<dcterms:references>
   <dcterms:BibliographicResource>
      <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
      <dcterms:biblographicCitation>Le Roux, P., en: M. Christol et
Letra capital alargada de buena factura. Inscripción en hexámetros.
<crm:P4_has_time-span>
  <crm:E52_Time-Span>
    <crm:P82a_begin_of_the_begin rdf:datatype="http://www.w3.org/2001/XMLSchema#date"/>
    0360</crm:P82a_begin_of_the_begin>
    <crm:P82b_end_of_the_end rdf:datatype="http://www.w3.org/2001/XMLSchema#date"/>
    0365</crm:P82b_end_of_the_end>
  </crm:E52_Time-Span>
</crm:P4_has_time-span>

<crm:P10_falls_within>
  <crm:E4_Period rdf:about="www.eagle-network.eu/voc/dates/Constantiniana"/>
</crm:P10_falls_within>

<crm:P3_has_note>Reinado de Juliano, hacia el 363.</crm:P3_has_note>

<crm:P39i_was_measured_by>
</crm:P39i_was_measured_by>

<crm:P15_was_influenced_by>palaeography</crm:P15_was_influenced_by>
  <crm:E16_Measurement/>
</crm:P15_was_influenced_by>

<crm:P32_used_general_technique>
  <crm:E55_Type rdf:about="http://www.eagle-network.eu/voc/writing/lod/1">
    <rdfs:label>Chiselled</rdfs:label>
  </crm:E55_Type>
</crm:P32_used_general_technique>

<crm:P14_carried_out_by>
  <crm:E21_Person>
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation rdf:value>[AUTHOR NAME]"</crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E21_Person>
</crm:P14_carried_out_by>

<crm:P17_was_motivated_by>
  <crm:E21_Person>
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation/>
    </crm:P131_is_identified_by>
  </crm:E21_Person>
</crm:P17_was_motivated_by>
<rdf:value>[DEDICATOR NAME]</rdf:value> 
</crm:E82_Actor_Appellation> 
</crm:P131_is_identified_by> 
</crm:E21_Person> 
</crm:P17_was_motivated_by> 

<crm:P17_was_motivated_by> 
<crm:E7_Activity> 
<crm:P1_is_identified_by> 
<crm:E42_Identifier> 
<rdf:value>[EVENT IDENTIFIER]</rdf:value> 
</crm:E42_Identifier> 
</crm:P1_is_identified_by> 
</crm:E7_Activity> 
</crm:P17_was_motivated_by> 

</crm:E12_Production> 
</crm:P108i_was_produced_by> 

<crm:P31i_was_modified_by> 
<crm:E11_Modification> 
<crm:P2_has_type> 
<rdf:value>"ACTIVITY/RESTORATION"/></rdf:value> 
</crm:P2_has_type> 
<crm:P3_has_note>[INFORMATION ABOUT RESTORATION]</crm:P3_has_note> 
</crm:E11_Modification> 
</crm:P31i_was_modified_by> 

<crm:P138i_has_representation 

<crm:P129i_is_subject_of rdf:resource="http://eda-bea.es/videos/1234"/> 

<crm:P3_has_note> Below the lettering of lines 1 and 4 may be seen the graffiti which formed the rough draft of the inscription. These were faithfully followed in the rest of the lines. </crm:P3_has_note> 


</crm:E84_Information_Carrier> 

EAGLE metadata model specification

<crm:P38i_has_representation

<crm:P2_has_type>
  <crm:E55.Type rdf:about="http://www.eagle-network.eu/voc/objtyp/lod/260">
    <rdfs:label>Placa</rdfs:label>
  </crm:E55.Type>
</crm:P2_has_type>

<crm:P45_consists_of>
  <crm:E57_Material rdf:about="http://www.eagle-network.eu/voc/material/lod/2">
    <rdfs:label>Piedra</rdfs:label>
  </crm:E57_Material>
</crm:P45_consists_of>

<crm:P45_consists_of>
  <crm:E57_Material rdf:about="http://www.eagle-network.eu/voc/material/lod/32">
    <rdfs:label>Lumaquela</rdfs:label>
  </crm:E57_Material>
</crm:P45_consists_of>

<crm:P3_has_note>Fragmento de placa de mármol blanco de Macael con la superficie pulimentada y sin adornos. Presenta una moldura simple en los tres lados conservados. Una línea incisa recorre el campo epigráfico enmarcándolo.</crm:P3_has_note>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="cm"/>
    </crm:P91_has_unit>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="DIMENSION/HEIGHT"/>
    </crm:P91_has_unit>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="cm"/>
    </crm:P91_has_unit>
  </crm:E54_Dimension>
</crm:P43_has_dimension>
<crm:E55_Type rdf:value="DIMENSION/WIDTH"/>
</crm:P2_has_type>
<crm:P90_has_value>55</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
<crm:E54_Dimension>
<crm:P91_has_unit>
<crm:E58_Measurement_Unit rdf:value="cm"/>
</crm:P91_has_unit>
</crm:P2_has_type>
<crm:E55_Type rdf:value="DIMENSION/DEPTH"/>
</crm:P2_has_type>
<crm:P90_has_value>20</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P4_has_time-span>
<crm:E52_Time-Span>
<crm:P82_at_some_time_within>1968</crm:P82_at_some_time_within>
  <crm:E52_Time-Span>
    <crm:P4_has_time-span>
    </crm:P4_has_time-span>
  </crm:E52_Time-Span>
</crm:E7_ACTIVITY>
</crm:P16I_was_used_for>
<crm:P50_has_current_keeper rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#museum1"/>
<crm:P1_is_identified_by>
  <crm:E42_Identifier rdf:value="1854">
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="IDENTIFIER/INVENTORYNUMBER">
        <crm:P2_has_type>
          <crm:P37I_was_assigned_by>
            <crm:E15_Identifier_Assignment>
              <crm:P14_carried_out_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#museum1"/>
            </crm:E15_Identifier_Assignment>
          </crm:P37I_was_assigned_by>
        </crm:E55_Type>
      </crm:P2_has_type>
    </crm:E42_Identifier>
  </crm:P1_is_identified_by>
  <crm:P55_has_current_location rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place7"/>
  <crm:P129I_is_subject_of rdf:resource="http://eda-bea.es/models/1234"/>
</crm:E22_Man-Made_Object>
  <crm:P3_has_note> Militias nobis et praemia [Caesar iunxit]/ accepi gemini bis praemia[ia]
    torquis turmae] / Armigerae primum comes al[terum] / Palatinarum custos dat[us ita]
    nostras] / auxit fortunas ut avunc[uli Constantini] / olim sacrat de nomin[e nos]
    decorat] </crm:P3_has_note>
</crm:E33_Linguistic_Object>
<crm:P72_has_language>
  <crm:E56_Language>
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

</crm:E55_Place>
</crm:P7_took_place_at>

<crm:P11_had_participant>
<crm:E39_Actor
    rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#publicationauthor1" />
</crm:P11_had_participant>

</crm:E7_Activity>
</crm:P16i_was_used_for>

</crm:E33_Linguistic_Object>

<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus1">
    <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
    <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry1"/>
    <oa:hasTarget>
        <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatusfragmentselector1">
            <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
            <oa:hasSelector>Lín. 1: praemia [Caesar iunxit]</oa:hasSelector>
            <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
        </rdf:Description>
    </oa:hasTarget>
    <oa:annotatedAt>2010-11-26T17:46:12</oa:annotatedAt>
    <oa:annotatedBy>
        <rdf:Description>
            <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
            <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
        </rdf:Description>
    </oa:annotatedBy>
</oa:Annotation>

<lawd:CollationItem rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry1">
    <cnt:chars>praemia [domnus iunxit]</cnt:chars>
    <lawd:readingType rdf:resource="http://lawd.info/ontology/variant"/>
    <rdf:type rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
    <dc:format{text/plain}>URI to the cited resource if
available"/>

<dcterms:bibliographicCitation>HEp 14</dcterms:bibliographicCitation>
<lawn:witness rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#witness/siglumSymbol1"/>
</lawn:CollationItem>

<lawn:Siglum rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#witness/siglumSymbol1">
  <lawn:represents>
    <crm:E33_Linguistic_Object>
      <crm:P1_is_identified_by>
        <crm:E42_Identifier>
          <rdf:value>[Identifier for the written work to which siglumSymbol1 points at]</rdf:value>
          </crm:E42_Identifier>
          </crm:P1_is_identified_by>
          </crm:E33_Linguistic_Object>
        </lawn:represents>
      </lawn:Siglum>
      
<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus2">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry2"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatusfragmentselector2">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>Lin. 3: [terum]@oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T17:51:32</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>

<lawn:CollationItem rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#apparatus-entry2">
  <cnt:chars>[TERVM EXCVBIARVM]?</cnt:chars>
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

<lawd:readingType rdf:resource="http://lawd.info/ontology/variant"/>
<rdf:type rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
<dc:format>text/plain</dc:format>
<cito:citesAsSourceDocument rdf:resource="URI to the cited resource if available"/>
<dcterms:biblographicCitation>P. Le Roux, 1992, p. 272</dcterms:biblographicCitation>
</lawd:CollationItem>

<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#erasure1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#erasure-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#erasurefragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>[position in text where the deletion occurs]</oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T17:53:16</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>

<lawd:CollationItem rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#erasure-entry1">
  <cnt:chars>[comment about the deletion, eg. "Erased word"]</cnt:chars>
  <lawd:readingType rdf:resource="http://lawd.info/ontology/deletion"/>
  <rdf:type rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <dc:format>text/plain</dc:format>
</lawd:CollationItem>

<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#spelling1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#spelling-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#spellingfragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>[position in text where the spelling correction occurs]</oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
  <oa:annotatedAt>2010-11-26T17:53:16</oa:annotatedAt>
  <oa:annotatedBy>
    <rdf:Description>
      <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
      <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
    </rdf:Description>
  </oa:annotatedBy>
</oa:Annotation>
<oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#spelling-entry1"/>
<oa:hasTarget>
  <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#spellingfragmentselector1">
    <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
    <oa:hasSelector>[position in text where the spelling error occurs]</oa:hasSelector>
    <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
  </rdf:Description>
</oa:hasTarget>
<oa:annotatedAt>2010-11-26T17:53:16</oa:annotatedAt>
<oa:annotatedBy>
  <rdf:Description>
    <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Person"/>
    <foaf:name>Joaquín L. Gómez-Pantoja</foaf:name>
  </rdf:Description>
</oa:annotatedBy>
</oa:Annotation>

<lawd:CollationItem rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#erasure-entry1">
  <cnt:chars>[comment about the spelling error]</cnt:chars>
  <lawd:readingType rdf:resource="http://lawd.info/ontology/correction"/>
  <rdf:type rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <dc:format>text/plain</dc:format>
</lawd:CollationItem>

<oa:Annotation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#addition1">
  <rdf:type rdf:resource="http://www.openannotation.org/ns/Annotation"/>
  <oa:hasBody rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#addition-entry1"/>
  <oa:hasTarget>
    <rdf:Description rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#additionfragmentselector1">
      <rdf:type rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>[position in text where the addition has place]</oa:hasSelector>
      <oa:hasSource rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1"/>
    </rdf:Description>
  </oa:hasTarget>
</oa:Annotation>
<lawd:CollationItem>
  <crm:E39_Actor rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#museum1">
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation rdf:about="www.trismegistos.org/collection/1474">
        <rdf:value>Museo Arqueológico y Etnológico de Granada</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E39_Actor>

  <crm:E21_Person rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#author1">
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#publicationauthor1">
        <rdf:value>[Publication author name]</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E21_Person>

  <crm:E39_Actor rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder1">
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder2">
        <rdf:value>Archivo Epigráfico de Hispania</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E39_Actor>

  <crm:E39_Actor rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder2">
    <crm:P131_is_identified_by>
      <crm:E82_Actor_Appellation>
        <rdf:value>Junta de Andalucía</rdf:value>
      </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
  </crm:E39_Actor>
</lawd:CollationItem>
<crm:E39_Actor/>

<crm:E21_Person rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#photoauthor1">
  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation>
      <rdf:value>Name of the author of the photograph</rdf:value>
    </crm:E82_Actor_Appellation>
  </crm:P131_is_identified_by>
</crm:E21_Person>

  <crm:P1_is_identified_by>
    <crm:E42_Identifier>
      <rdf:value>11</rdf:value>
    </crm:E42_Identifier>
  </crm:P1_is_identified_by>
  <crm:P2_has_type>
    <crm:E55_Type rdf:value="IDENTIFIER/LOCALID"/>
  </crm:P2_has_type>
  <crm:P1_is_identified_by>
    <crm:E42_Identifier>
    </crm:E42_Identifier>
  </crm:P1_is_identified_by>
  <crm:P2_has_type>
    <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
  </crm:P2_has_type>
  <crm:P102_has_title>
    <crm:E35_Title>
      <crm:value>Fragmento del epitafio de un militar</crm:value>
    </crm:E35_Title>
  </crm:P102_has_title>
  <crm:P2_has_type>
    <crm:E55_Type rdf:value="REPRESENTATION/TYPE/IMAGE"/>
  </crm:P2_has_type>
  <crm:P2_has_type>
    <crm:E55_Type rdf:value="REPRESENTATION/FORMAT/JPEG"/>
  </crm:P2_has_type>
</crm:E38_Image>
<crm:P1_is_identified_by>
  <crm:E42_Identifier rdf:value="12345">
    <crm:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/INVENTORYNUMBER</rdf:value>
      </crm:E55_Type>
    </crm:P2_has_type>
  </crm:E42_Identifier>
</crm:P1_is_identified_by>

<crm:P104_is_subject_to>
  <crm:E30_Right>
    <crm:P2_has_type rdf:resource="http://creativecommons.org/licenses/by-sa/3.0/"/>
    <rdfs:label>Licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported licence.</rdfs:label>
    <crm:P75i_is_possessed_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder1"/>
    <crm:P75i_is_possessed_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder2"/>
  </crm:E30_Right>
</crm:P104_is_subject_to>

<crm:P94i_was_created_by>
  <crm:E65_Creation>
    <crm:P4_has_time-span>
      <crm:E52_Time-Span>
        <crm:P82_at_some_time_within>1996-11-21</crm:P82_at_some_time_within>
      </crm:E52_Time-Span>
    </crm:P4_has_time-span>
    <crm:P14_carried_out_by rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photoauthor1"/>
  </crm:E65_Creation>
</crm:P94i_was_created_by>

<crm:P3_has_note> [DESCRIPTION OF THE IMAGE. Include here information regarding Readable, Writable, Acquisition technology and Processing information]</crm:P3_has_note>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
<crm:E58_Measurement_Unit rdf:value="px"/>
</crm:P91_has_unit>
<crm:P2_has_type>
<crm:E55_Type rdf:value="DIMENSION/WIDTH"/>
</crm:P2_has_type>
<crm:P90_has_value>800</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
<crm:E54_Dimension>
<crm:P91_has_unit>
<crm:E58_Measurement_Unit rdf:value="px"/>
</crm:P91_has_unit>
<crm:P2_has_type>
<crm:E55_Type rdf:value="DIMENSION/HEIGHT"/>
</crm:P2_has_type>
<crm:P90_has_value>600</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>
</crm:E38_Image>

<crm:E73_Information_Object rdf:about="http://eda-bea.es/models/1234">

<crm:P1_is_identified_by>
<crm:E42_Identifier>
<rdf:value>1234</rdf:value>
</crm:E42_Identifier>
</crm:P1_is_identified_by>

<crm:P1_is_identified_by>
<crm:E42_Identifier>
<rdf:value>http://eda-bea.es/models/1234</rdf:value>
</crm:E42_Identifier>
</crm:P1_is_identified_by>

<crm:P102_has_title>
<crm:E35_Title>
<rdf:value>Modelo 3D acerca de Fragmento del epitafio de un militar</rdf:value>
</crm:E35_Title>
</crm:P102_has_title>
<crm:P2_has_type>
  <crm:E55_Type>
    <rdf:value>REPRESENTATION/TYPETHREED_MODEL</rdf:value>
  </crm:E55_Type>
</crm:P2_has_type>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="m"/>
    </crm:P91_has_unit>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="DIMENSION/MODEL_WIDTH"/>
    </crm:P2_has_type>
    <crm:P90_has_value>23</crm:P90_has_value>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="m"/>
    </crm:P91_has_unit>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="DIMENSION/MODEL_HEIGHT"/>
    </crm:P2_has_type>
    <crm:P90_has_value>12.4</crm:P90_has_value>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="m"/>
    </crm:P91_has_unit>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="DIMENSION/MODEL_LENGTH"/>
    </crm:P2_has_type>
    <crm:P90_has_value>88</crm:P90_has_value>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="m2"/>
    </crm:P91_has_unit>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="DIMENSION/MODEL_AREA"/>
    </crm:P2_has_type>
  </crm:E54_Dimension>
</crm:P43_has_dimension>
<crm:P90_has_value>[AREA VALUE]</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
<crm:E54_Dimension>
 <crm:P91_has_unit>
  <crm:E58_Measurement_Unit rdf:value="m"/>
 </crm:P91_has_unit>
 <crm:P2_has_type>
  <crm:E55_Type rdf:value="DIMENSION/MODEL_PERIMETER"/>
 </crm:P2_has_type>
 <crm:P90_has_value>[PERIMETER VALUE]</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
<crm:E54_Dimension>
 <crm:P91_has_unit>
  <crm:E58_Measurement_Unit rdf:value="m3"/>
 </crm:P91_has_unit>
 <crm:P2_has_type>
  <crm:E55_Type rdf:value="DIMENSION/MODEL_VOLUME"/>
 </crm:P2_has_type>
 <crm:P90_has_value>25097</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>
</crm:E73_Information_Object>

<crm:E73_Information_Object rdf:about="http://eda-bea.es/videos/1234">

<crm:P1_is_identified_by>
 <crm:E42_Identifier>
  <rdf:value>1234</rdf:value>
 </crm:E42_Identifier>
 <crm:P2_has_type>
  <crm:E55_Type rdf:value="IDENTIFIER/LOCALID"/>
 </crm:P2_has_type>
</crm:P1_is_identified_by>

<crm:P1_is_identified_by>
 <crm:E42_Identifier>
 </crm:E42_Identifier>
 <crm:P2_has_type>
  <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
 </crm:P2_has_type>
</crm:P1_is_identified_by>

<crm:P1_is_identified_by>
 <crm:E42_Identifier>
 </crm:E42_Identifier>
 <crm:P2_has_type>
  <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
 </crm:P2_has_type>
</crm:P1_is_identified_by>

Page 378 of 389
<crm:P102_has_title>
  <crm:E35_Title>
    <crm:value>Video acerca de Fragmento del epitafio de un militar</crm:value>
  </crm:E35_Title>
</crm:P102_has_title>

<crm:P2_has_type>
  <crm:E55_Type>
    <rdf:value>REPRESENTATION/TYPE/VIDEO</rdf:value>
  </crm:E55_Type>
</crm:P2_has_type>

<crm:P2_has_type>
  <crm:E55_Type>
    <rdf:value>REPRESENTATION/FORMAT/MP4</rdf:value>
  </crm:E55_Type>
</crm:P2_has_type>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="px"/>
    </crm:P91_has_unit>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="px"/>
    </crm:P91_has_unit>
  </crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:P43_has_dimension>
  <crm:E54_Dimension>
    <crm:P91_has_unit>
      <crm:E58_Measurement_Unit rdf:value="s"/>
    </crm:P91_has_unit>
  </crm:E54_Dimension>
</crm:P43_has_dimension>
<crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
        <rdf:value>Alba Bastetanorum</rdf:value>
    </crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P48_has_preferred_identifier>
    <crm:E42_Identifier rdf:about="http://www.trismegistos.org/place/26567">
        <rdfl:resource>26567</resource>
    </crm:E42_Identifier>
</crm:P48_has_preferred_identifier>

<crm:P2_has_type>
    <crm:E55_Type rdf:value="IDENTIFIER/TRISMEGISTOS/PLACE"/>
</crm:P2_has_type>
<crm:P89_falls_within rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#place2"/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place2">
    <crm:P87_is_identified_by>
        <crm:E44_Place_Appellation>
            <rdf:value>Hispania Citerior</rdf:value>
        </crm:E44_Place_Appellation>
    </crm:P87_is_identified_by>

    <crm:P48_has_preferred_identifier>
        <crm:E42_Identifier rdf:about="http://www.trismegistos.org/place/16933">
            <rdfl:resource>16933</resource>
        </crm:E42_Identifier>
    </crm:P48_has_preferred_identifier>

    <crm:P2_has_type>
        <crm:E55_Type rdf:value="PLACE/ANCIENTPLACE"/>
    </crm:P2_has_type>
</crm:E53_Place>
<crm:E55_Type rdf:value="PLACE/PROVINCEITALICREGION"/>
</crm:P2_has_type>

</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2522483/">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Alba</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>

  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier>
      <rdf:value>2522483</rdf:value>
    </crm:E42_Identifier>
  </crm:P48_has_preferred_identifier>

  <crm:P2_has_type>
    <crm:E55_Type rdf:value="IDENTIFIER/GEONAMES"/>
  </crm:P2_has_type>

  <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2521883/"/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2521883/">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Almería</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>

  <crm:P48_has_preferred_identifier>
    <crm:E42_Identifier>
      <rdf:value>2521883</rdf:value>
    </crm:E42_Identifier>
  </crm:P48_has_preferred_identifier>

  <crm:P2_has_type>
    <crm:E55_Type rdf:value="PLACE/MODERNPLACE"/>
  </crm:P2_has_type>

  <crm:P89_falls_within rdf:resource="http://sws.geonames.org/2521883/"/>
</crm:E53_Place>
<crm:P48_has_preferred_identifier/>

<crm:P2_has_type>
  <crm:E55_Type rdf:value="PLACE/MODERNPROVINCE"/>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2593109="/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2593109="/>

<crm:P87_is_identified_by>
  <crm:E44_Place_Appellation>
    <rdf:value>Andalucía</rdf:value>
  </crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P48_has_preferred_identifier>
  <crm:E42_Identifier>
    <rdf:value>2593109</rdf:value>
  </crm:E42_Identifier>
</crm:P48_has_preferred_identifier>

<crm:P2_has_type>
  <crm:E55_Type rdf:value="PLACE/MODERNREGION"/>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2510769="/>
</crm:E53_Place>

<crm:E53_Place rdf:about="http://sws.geonames.org/2510769="/>

<crm:P87_is_identified_by>
  <crm:E44_Place_Appellation>
    <rdf:value>España</rdf:value>
  </crm:E44_Place_Appellation>
</crm:P87_is_identified_by>

<crm:P48_has_preferred_identifier>
  <crm:E42_Identifier>
    <rdf:value>2510769</rdf:value>
  </crm:E42_Identifier>
</crm:P48_has_preferred_identifier>
<crm:P2_has_type>
  <crm:E55_Type>
    <rdf:value>IDENTIFIER/GEONAMES</rdf:value>
  </crm:E55_Type>
</crm:P2_has_type>

<crm:P48_has_preferred_identifier>
  <crm:P2_has_type>
    <crm:E55_Type rdf:value="PLACE/MODERNCOUNTRY"/>
  </crm:P2_has_type>
</crm:E53_Place>

<crm:E33_Collection rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#place7">
  <crm:P87_is_identified_by>
    <crm:E44_Place_Appellation>
      <rdf:value>Museo Arqueológico y Etnológico de Granada</rdf:value>
    </crm:E44_Place_Appellation>
  </crm:P87_is_identified_by>
</crm:E33_Collection>

<crm:P2_has_type>
  <crm:E55_Type rdf:value="repository"/>
</crm:P2_has_type>

<crm:P89_falls_within rdf:resource="http://sws.geonames.org/2593109/"/>

</crm:E53_Place>
</rdf:RDF>
ANNEX X AMENDMENTS

AMENDMENTS TO VERSION 1.0.0

General changes

Update to use a new version CIDOC CRM
On section 2.2.1 a footnote has been updated to point to the CIDOC CRM version 5.1.2.

Redesign of the CIDOC CRM model for EAGLE
Section 2.2 has been rewritten to describe the upgrades made to the previous design of the EAGLE conceptual model.

Introduction of the new EAGLE model RDF representation
On section 2.3.2 was introduced a better RDF representation for the EAGLE metadata model including a table with the different ontologies used.

Changes in figures

Included title for Figure 1
New title reads Figure 1 Summary of descriptive elements of epigraphic material.

Updates on Figure 2
Figure 2 High-Level model has been updated to show upgrades on the EAGLE conceptual model. Class E84 Information Carrier now represents the monument object and class E22 Man-Made Object has been introduced to represent the epigraphical field of the inscription if any. Class E31 Document has been replaced by more specific classes E33 Linguistic Object, E38 Image and E73 Information Object.

Updates on Figure 3
Figure 3 Sub-model for physical objects has been updated to show upgrades on the EAGLE conceptual model.

Updates on Figure 4
Figure 4 Sub-model for documental objects has been updated to show upgrades on the EAGLE conceptual model.
New image added: Figure 12 Metadata RDF graph representation.
New image added: Figure 13 Inscription RDF graph representation.
New image added: Figure 14 Epigraphical Field RDF graph representation.
New image added: Figure 15 Monument RDF graph representation.
New image added: Figure 16 Translation RDF graph representation.
New image added: Figure 17 Image RDF graph representation.
New image added: Figure 18 3D Models RDF graph representation.
New image added: Figure 19 Video RDF graph representation.

Changes in metadata elements
The description and RDF encoding of many metadata elements has been updated, please check to the detailed specification for each element on ANNEX III - Detailed Elements Description.

Metadata information
Metadata about the record of metadata, including Metadata author (not mandatory, cardinality: 1), Provider of metadata (mandatory, cardinality: 1), Language of metadata (mandatory, cardinality: 1), Metadata rights (not mandatory, cardinality: 1) and Metadata modification date (not mandatory, cardinality: 1) are no longer represented using CIDOC CRM, instead, DC Metadata Initiative is used.

Monument dimensions
The dimensions of the monument have been separated into three different metadata fields: Monument height (not mandatory but recommended, cardinality: 1), Monument width (not mandatory but recommended, cardinality: 1) and Monument depth (not mandatory but recommended, cardinality: 1), each of them being not mandatory but recommended with cardinality 1.

Place of Conservation (not mandatory, cardinality: *), Country of conservation (not mandatory, cardinality: *) Region of conservation (not mandatory, cardinality: *) Museum (not mandatory, cardinality: 1), Position (not mandatory, cardinality: 1) and Inventory Number (not mandatory, cardinality: 1)

Cardinality have been changed from 1 to * to take into consideration the existence of physically fragmented objects.

An alternative way of encoding Place of Conservation, Country, Region, Museum, Position and Inventory Number in EpiDoc was introduced to allow fragmented objects. As stated by TEI guidelines, for documents with more than one current repository, this optional encoding for place of conservation should be allowed when fragment of the same text have different places of conservation:

```xml
<altIdentifier type="partial">
  <country></country>
  <region></region>
  <settlement></settlement>
  <repository></repository>
  <collection></collection>
</altIdentifier>
```
<idno/></idno>
</altIdentifier>
<altIdentifier type="partial">
<country/></country>
<region/></region>
<settlement/></settlement>
<repository/></repository>
<collection/></collection>
</idno>
</altIdentifier>

**Trismegistos number (not mandatory but recommended, cardinality: 1)**

In TEI:idno, use @type="TM" instead of @type="TM_id" for Trismegistos id.

**Engraving technique (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.

**Size of Epigraphical field**

This element have been separated into two metadata fields: Height of Epigraphical Field (not mandatory, cardinality: 1) and Width of Epigraphical Field (not mandatory, cardinality: 1), each of them being not mandatory and having cardinality 1.

**Honorand (not mandatory, cardinality: *) and Political-Social status of honorand (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.

**Names mentioned (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.

**Locations mentioned (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.

**Double side**

This element has been removed due to the fact that double sided inscriptions can be found by looking for monuments with more than one inscription on them.

**Erasures (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.

**Spelling errors variations (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.

**Editorial additions (not mandatory, cardinality: *)**

Cardinality has been changed from 1 to *.
EAGLE Deliverable 3.1.2
EAGLE metadata model specification

Other Comments
This element has been renamed to Commentary (not mandatory, cardinality: *). Its cardinality has been changed from 1 to *.

Translation text (not mandatory, cardinality: 1)
Cardinality has been changed from * to 1. In cases where more than one translation text occurs, this should be registered by the existence of the same number of Translation objects.

Transcription text (mandatory, cardinality: 1)
This statement in the template was wrong:
<br type="edition" xml:lang="<!--la | grc | both separated by comma-->">
@xml:lang can, in TEI P5, only contain one value, either la or grc in most of our cases. Since we use TEI:langUsage, we can leave it empty (xml:lang="") when the text of the inscription is in multiple languages.
In the future, further important minority languages attested in the corpora need to be ingested. <foreign> element shall be used in those instances according to TEI.

Critical Apparatus (not mandatory, cardinality: *)
Cardinality has been changed from 1 to *.

Bibliography (not mandatory, cardinality: *)
Cardinality has been changed from 1 to *.

Epidoc encoding for bibliography has been updated to match the recommendations of TEI Guidelines. Instead of <ref> and <biblScope> the guidelines recommend the use of <ptr> and <citedRange>.

Translation author (not mandatory, cardinality: *)
Cardinality has been changed from 1 to *.

Visual representation author (not mandatory, cardinality: *)
Cardinality has been changed from 1 to *.

Visual representation ancient findspot, Roman Province / Italic Region, modern findspot and modern country
These elements have removed because they should be placed as part of the monument object to which the visual representation refers.

Readable, Writable, Acquisition technology and Processing information
These elements have been removed to form part of the description of the visual representation.
Visual representation dimensions
EAGLE
Deliverable 3.1.2
EAGLE metadata model specification

Please check the different types of visual representation independently to see which dimension fields are available for each specific case.

Object identification within the content provider repository (mandatory, cardinality: 1)

The attribute @type was added to this element with value “localID”.