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Authors:

Miguel-Angel Sicilia (UAH)
Joaquín L. Gómez-Pantoja (UAH)
María José Rubio Fuentes (UAH)
Eydel Rivero Ruíz (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)

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LIST OF ABBREVIATIONS

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

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 FRBR¹, generic models of cultural objects as the CIDOC CRM², research information models as CERIF³ and specific metadata schemas as EPIDOC⁴.

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, *dilettanti* 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 WP3⁵ 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 ingests 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".

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 MediaWiki⁶ which uses wikibase as a software to produce wikidata⁷ 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 in to 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).

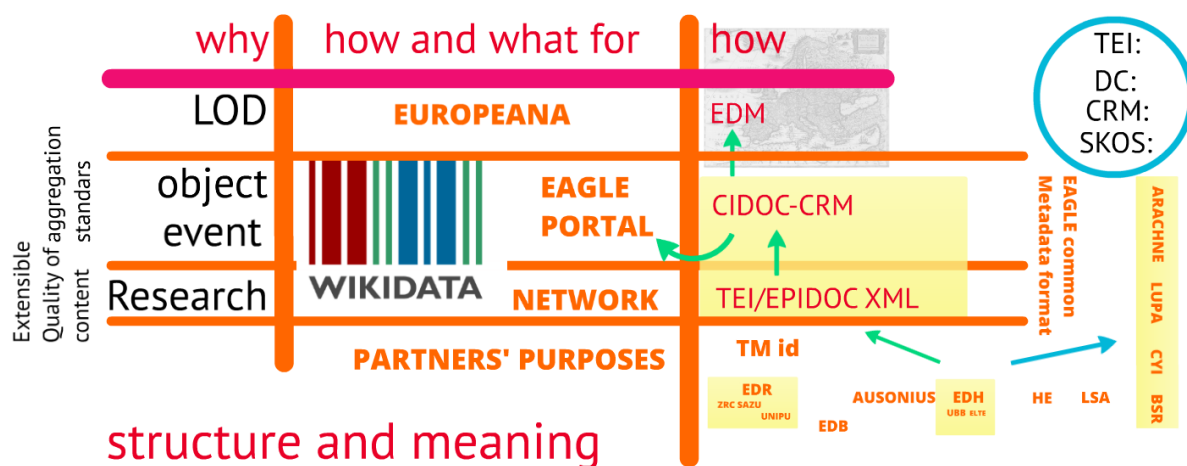


Figure 1 Summary of descriptive elements of epigraphic material

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 SPARQL⁸.

2.2.1 High-Level model

Monuments are represented as instances of *E22 Man-Made Object*⁹, 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/>

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

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.

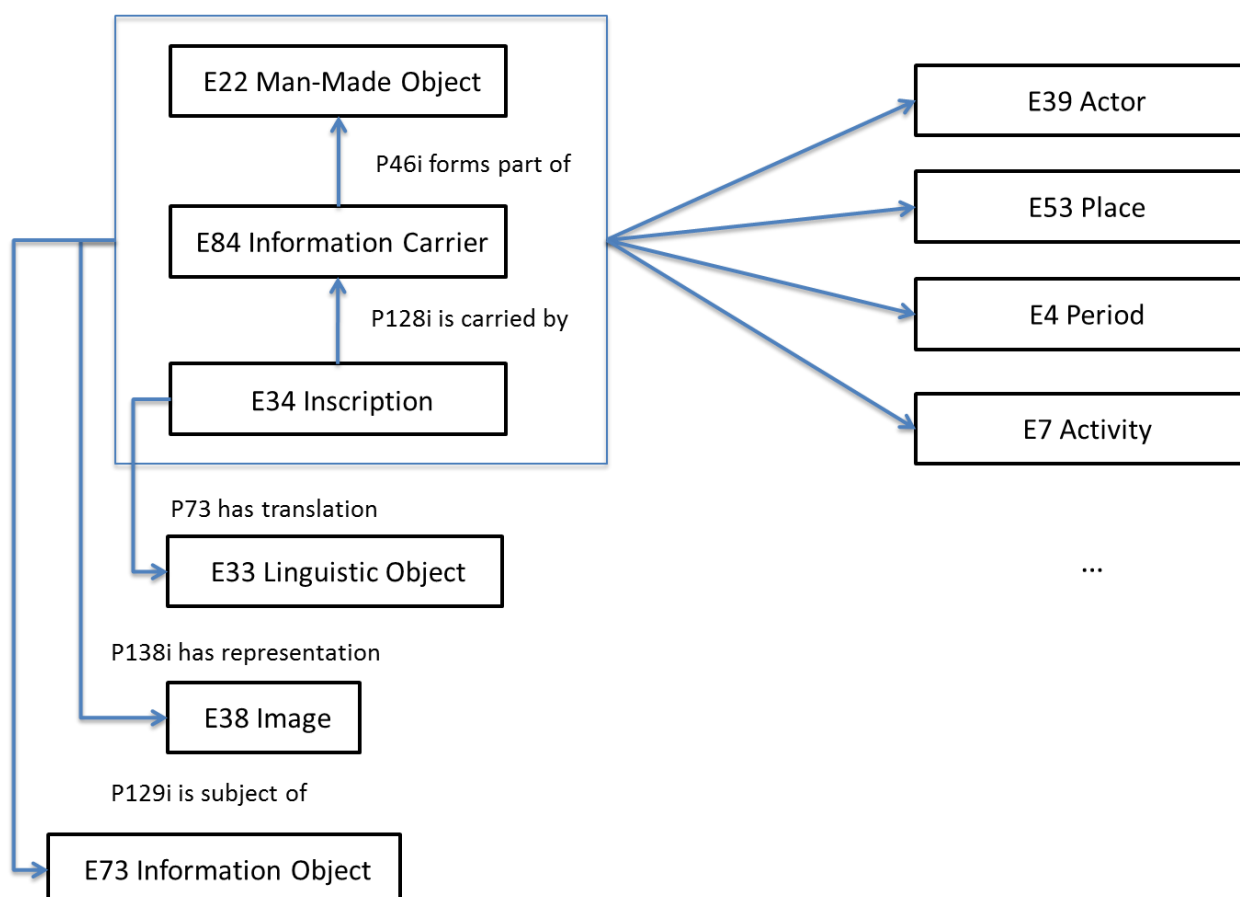


Figure 2 High-Level model

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 vocabularies¹⁰.

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*.

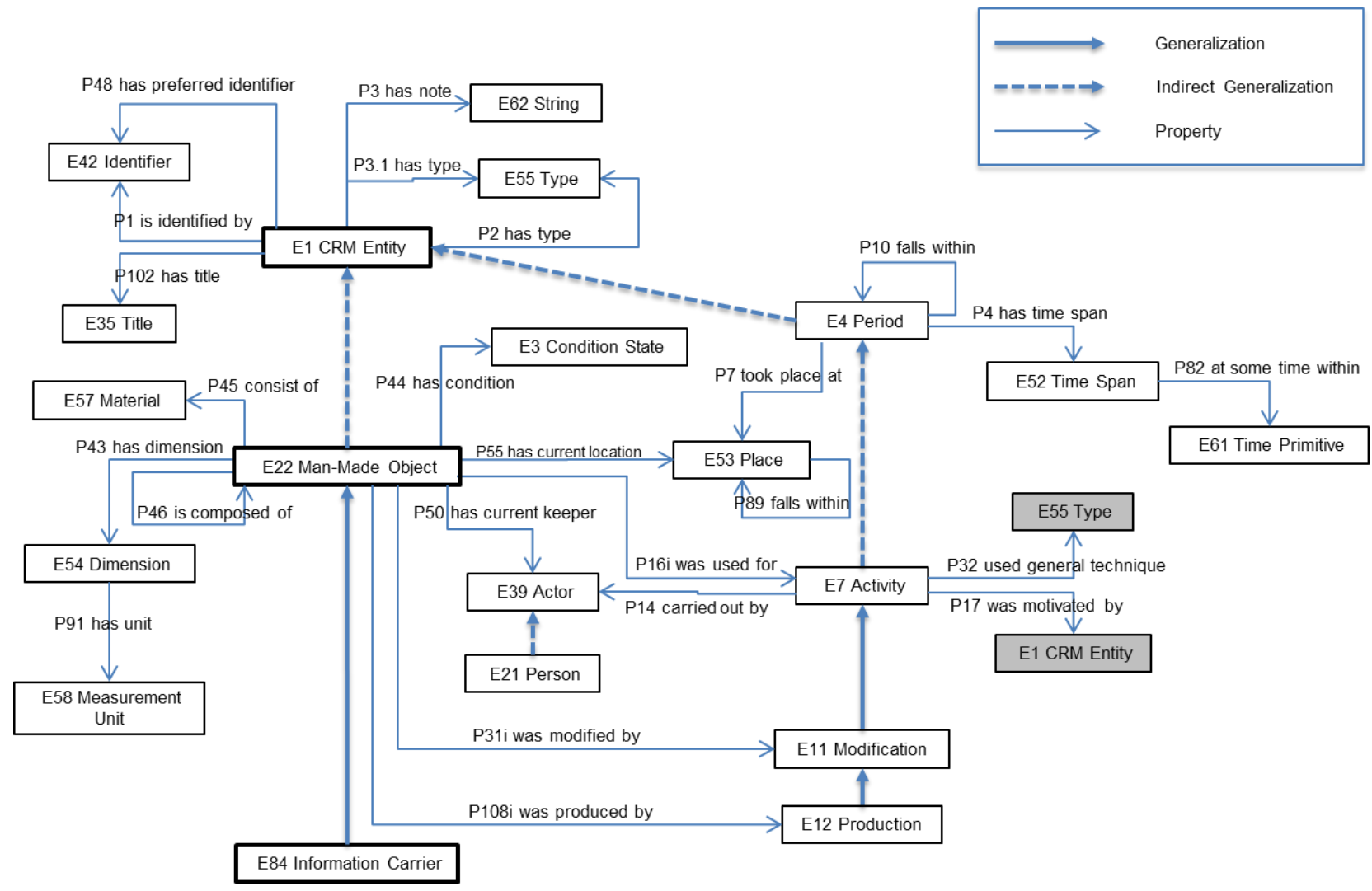


Figure 3 Sub-model for physical objects

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:

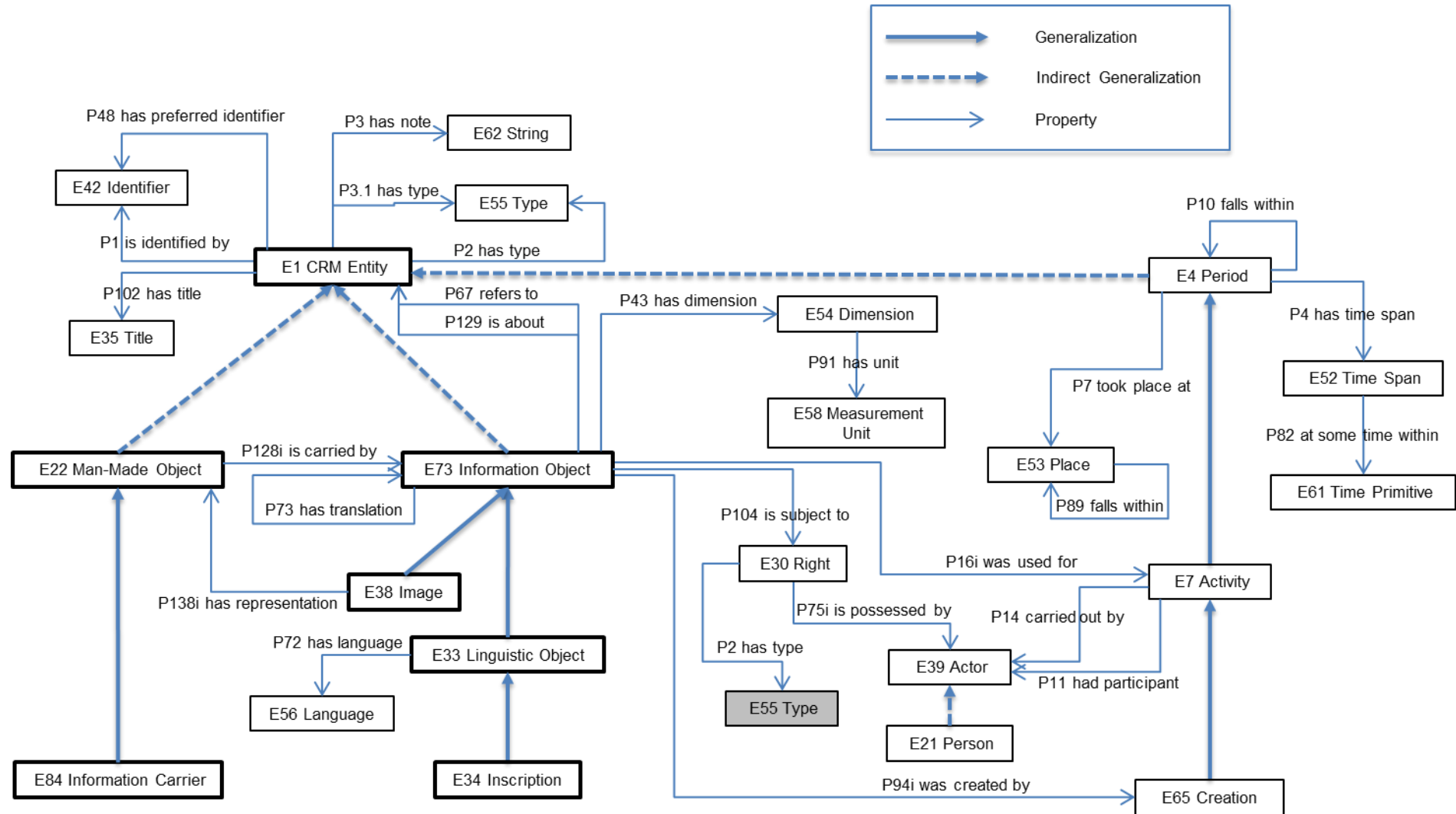


Figure 4 Sub-model for documental objects



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:



Namespace name	Abbreviation	Namespace URL
CIDOC CRM	crm	http://www.cidoc-crm.org/cidoc-crm/
RESOURCE DESCRIPTION FRAMEWORK	rdf	http://www.w3.org/1999/02/22-rdf-syntax-ns#
RESOURCE DESCRIPTION FRAMEWORK SCHEMA	rdfs	http://www.w3.org/2000/01/rdf-schema#
LINKED ANCIENT WORLD DATA	lawd	http://lawd.info/ontology/
DOUBLIN CORE	dc	http://purl.org/dc/elements/1.1/
BRITISH MUSEUM	bmo	http://collection.britishmuseum.org/id/ontology/
OPEN ANNOTATION COLLABORATION	oa	http://www.openannotation.org/ns/
FRIEND OF A FRIEND	foaf	http://xmlns.com/foaf/0.1/
	cnt	http://www.w3.org/2011/content#
DUBLIN CORE TYPE	dctype	http://purl.org/dc/dcmitype/
	cito	http://purl.org/spar/cito/
DUBLIN CORE TERMS	dcterms	http://purl.org/dc/terms/
ONTOLOGY WEB LANGUAGE	owl	http://www.w3.org/2002/07/owl#

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 guidelines¹¹ 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 47¹².

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 licence¹³.

¹¹ See EpiDoc guidelines at <http://www.stoa.org/epidoc/gl/latest/>

¹² See <http://www.rfc-editor.org/rfc/bcp/bcp47.txt>

¹³ See <http://creativecommons.org/publicdomain/zero/1.0/>



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 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.

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 *E35 Title* and related to *E34 Inscription* via *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 *E55 Type* related to *E34 Inscription* via *P2 has type*

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.

Transcription text (mandatory, cardinality: 1)

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

It is represented by *E62 String* and related to *E34 Inscription* via *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 *E56 Language* and related to *E34 Inscription* via *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 *E82 Actor Appellation*, contained within *E21 Person* which is related to *E34 Inscription* using *P67 refers to*.

Locations mentioned (not mandatory, cardinality: 1)

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*.

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 the transcription document via *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 Data¹⁴ (LAWD) ontology and the Open Annotation Collaboration ontology¹⁵. 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>

¹⁵ See <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/layout/rs
```

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/layout/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:

```
<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 ResearchSpace¹⁶Project 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.

¹⁶ See <http://crm.rkbexplorer.com/>



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 1.0¹⁷ 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/layout/rt/rs.

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

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/supp
ort/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/supp
ort/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/supp
ort/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:

```
<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/supp
ort/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 *E3 Condition State* related to *E22 Man-Made Object* via *P44 has condition*

It corresponds in TEI/EpiDoc to

```
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/supp  
ort/rs
```

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_geolD) 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*.

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
```

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_geolD) 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*.

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
```



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 Geonames²⁰ 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 Geonames²¹ 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 Geonames²² 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 Geonames²³ 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 Geonames²⁵ 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 Geonames²⁶ 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*

²³ Online Geographical Database, for more information see <http://www.geonames.org/>

²⁵ Online Geographical Database, for more information see <http://www.geonames.org/>

²⁶ 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 Geonames²⁷ 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/>

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).

Element Name	CIDOC - CRM	xpath	HE
Metadata information			
Metadata author		/TEI/teiHeader/revisionDesc/change/@who	resp
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmnt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmnt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	HEpOI xxxxxx
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TBA
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	Object Title
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords/term	Inscription Type Inscription Type (additional information)



Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	Text
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	n.a.
Names mentioned	E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	Bibliography
Honorand			
Political-Social status			



Critical Apparatus		/TEI/text/body/div/p	Variants
Erasures			
Spelling erros variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	n.a.

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 Model²⁸ (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>.



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 form 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.

Element Name	CIDOC - CRM	EDM	xpath
Metadata information			



Metadata author			/TEI/teiHeader/revisionDesc/change/@who
Provider of metadata		edm:dataProvider	/TEI/teiHeader/fileDesc/publicationStmt/authority
Language of metadata		dc:language	/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang
Metadata rights		edm:rights	/TEI/teiHeader/fileDesc/publicationStmt/availability/licence
Metadata modification date			/TEI/teiHeader/revisionDesc/change/@when
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier		/TEI/teiHeader/fileDesc/publicationStmt/idno
Object URI within the content provider repository	E42 Identifier	edm:isShownAt	/TEI/teiHeader/fileDesc/publicationStmt/idno
Trismegistos number	E42 Identifier	owl:sameAs	/TEI/teiHeader/fileDesc/publicationStmt/idno
Object Title	E35 Title related to E34 Inscription via P102 has title	dc:title	/TEI/teiHeader/fileDesc/titleStmt/title



Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	dc:type	/TEI/teiHeader/profileDesc/textClass/keywords/term
Text of inscription	E62 String and related to E34 Inscription via P3 has note	edm:type (TEXT)	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text
Transcription language	E56 Language and related to E34 Inscription via P72 has language	subject	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD
Names mentioned	E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		dcterms:isReferencedBy	/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

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:

- focus on a set of main entities as small as possible for what concerns the requirements of the EAGLE portal, identifying a smaller and simpler subset of the CIDOC-CRM conceptual model;
- at the same time, make sure not to lose any information about all the different facets of epigraphy-related data that will be aggregated in the EAGLE portal;
- 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)

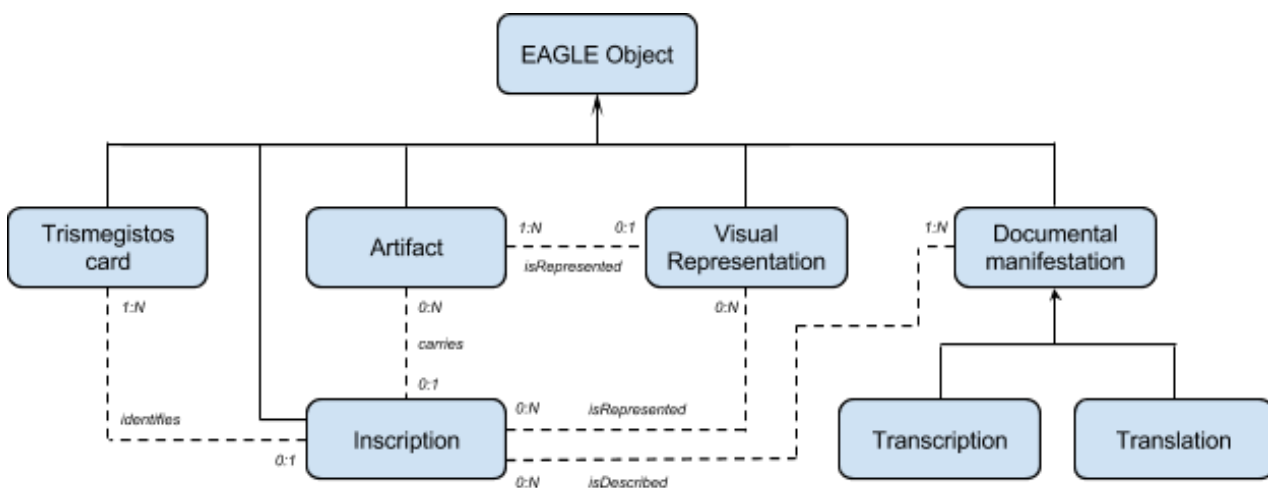


Figure 5 EAGLE Aggregator Conceptual Model (EACM)

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;



- **Inscription** instances represent *E34 Inscription* in CIDOC-CRM;
- **Trismegistos card**, **Visual representation**, **Transcription** and **Translation** instances represent different materializations of *E73 Information Object*, *E33 Linguistic Object* and *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;



- **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 gentilial 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.

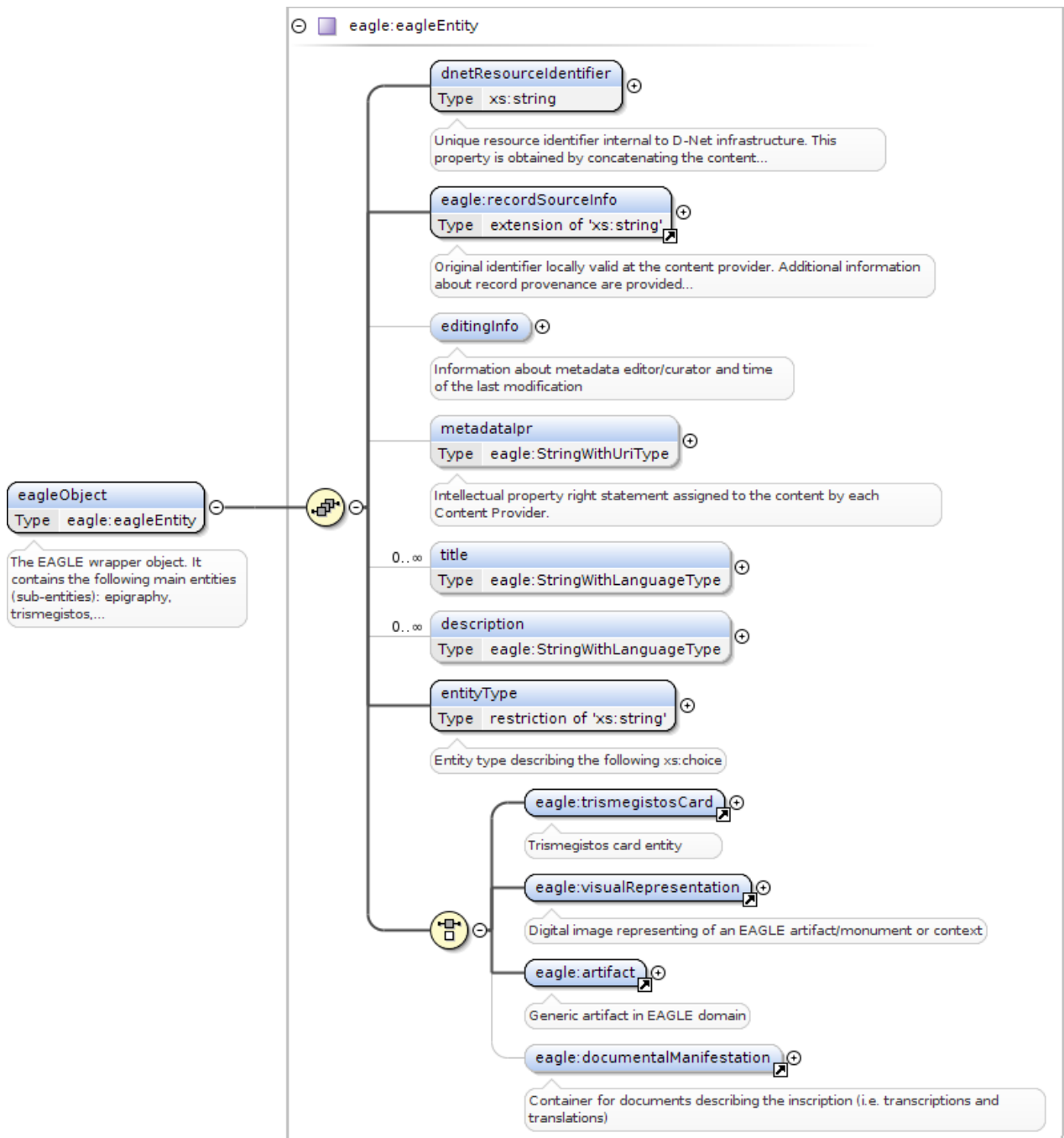


Figure 6 EAGLE root object

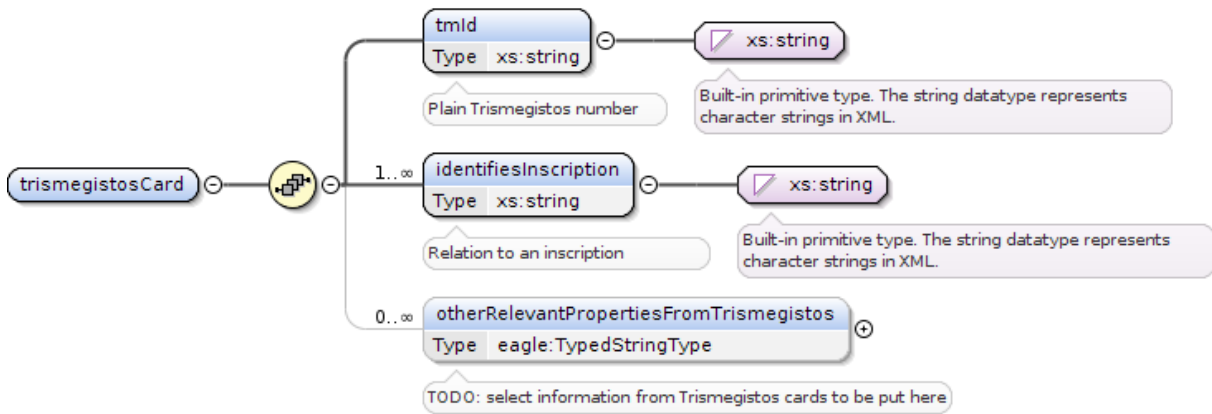


Figure 7 Trismegistos card entity details

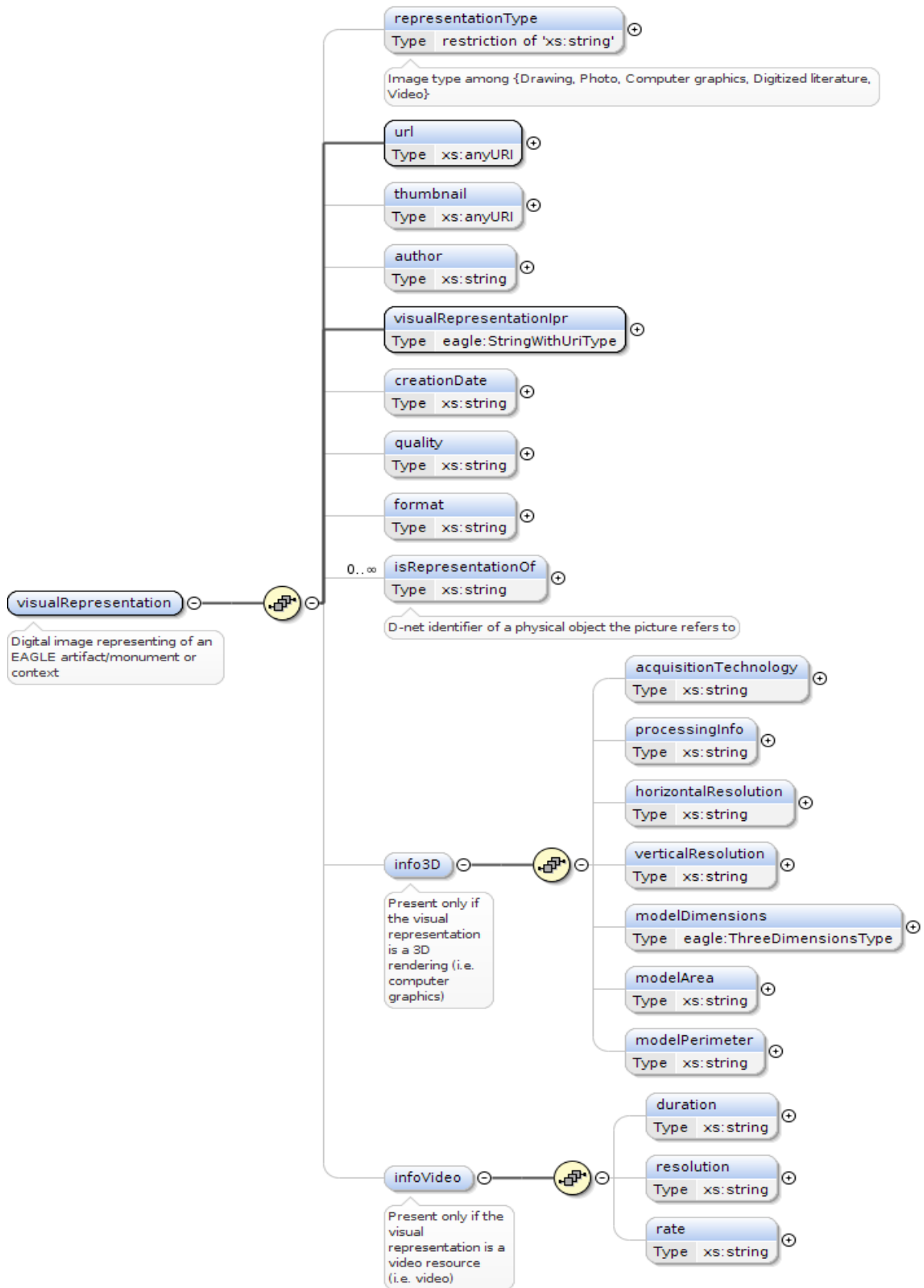


Figure 8 Visual Representation entity details

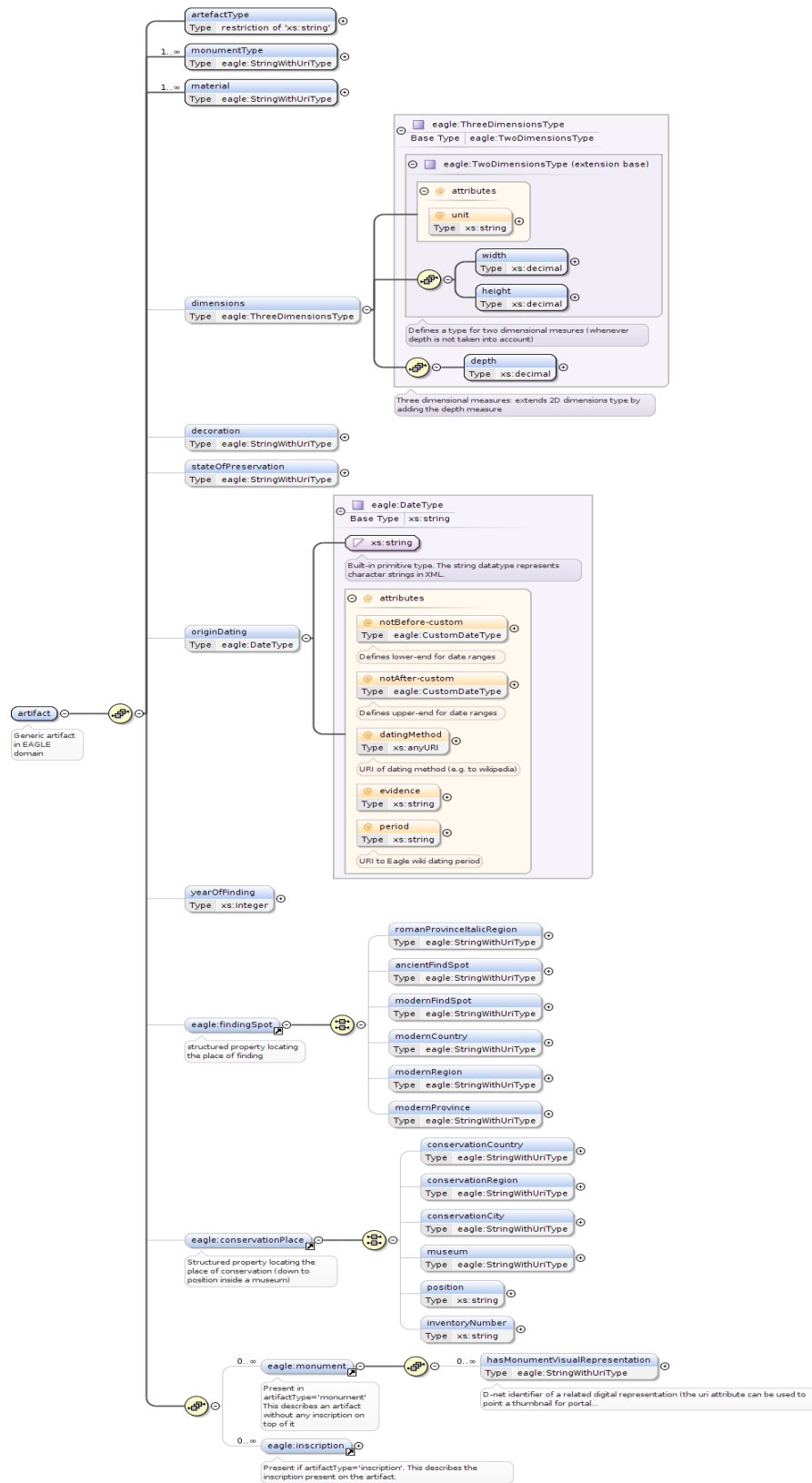


Figure 9 Artifact entity details



As anticipated, an inscription is a set of structured properties optionally present inside an Artifact entity. The structure of Inscription metadata is reported below.

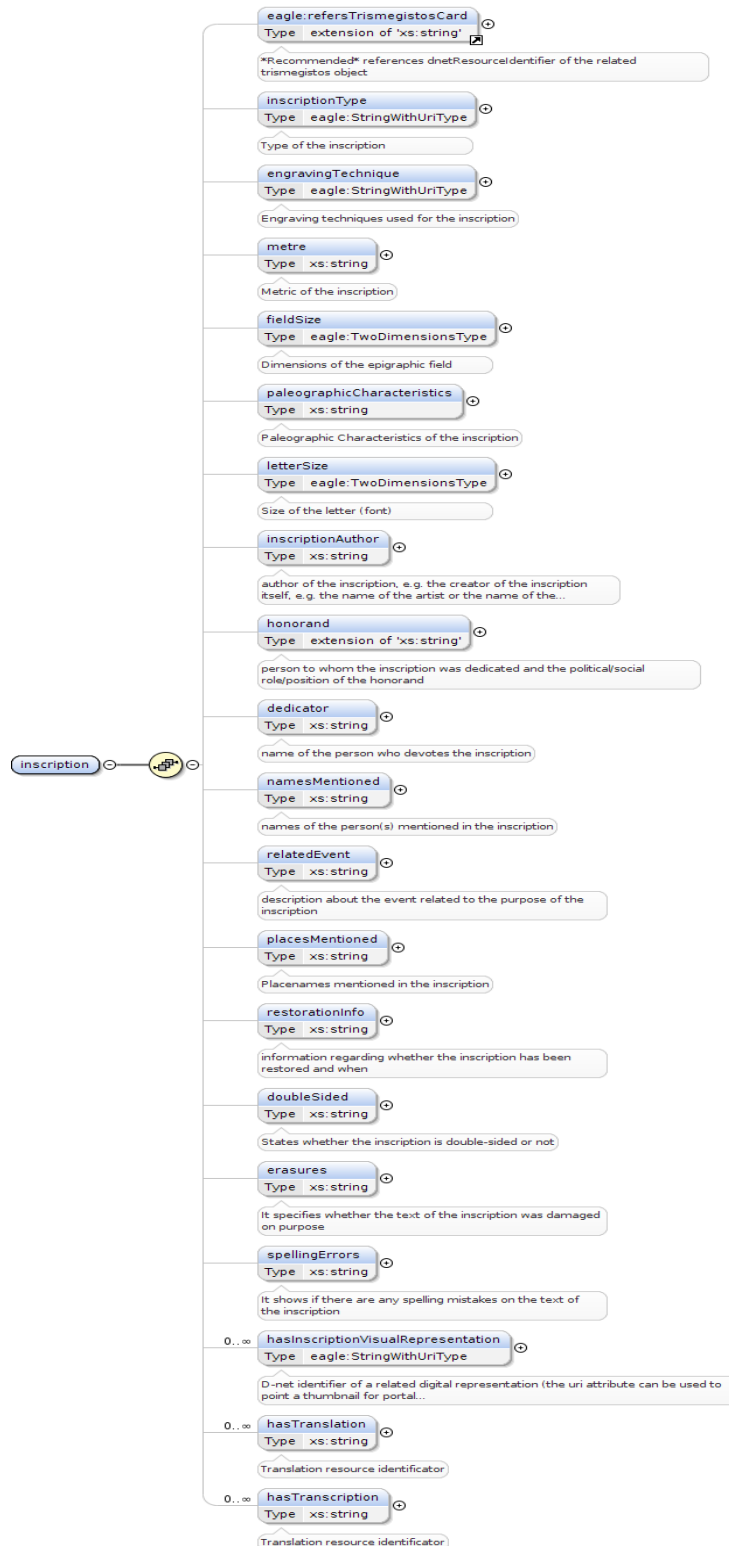


Figure 10 Inscription metadata details

Transcription and translation entities are designed as follows as subtypes of **documental manifestation** entity.

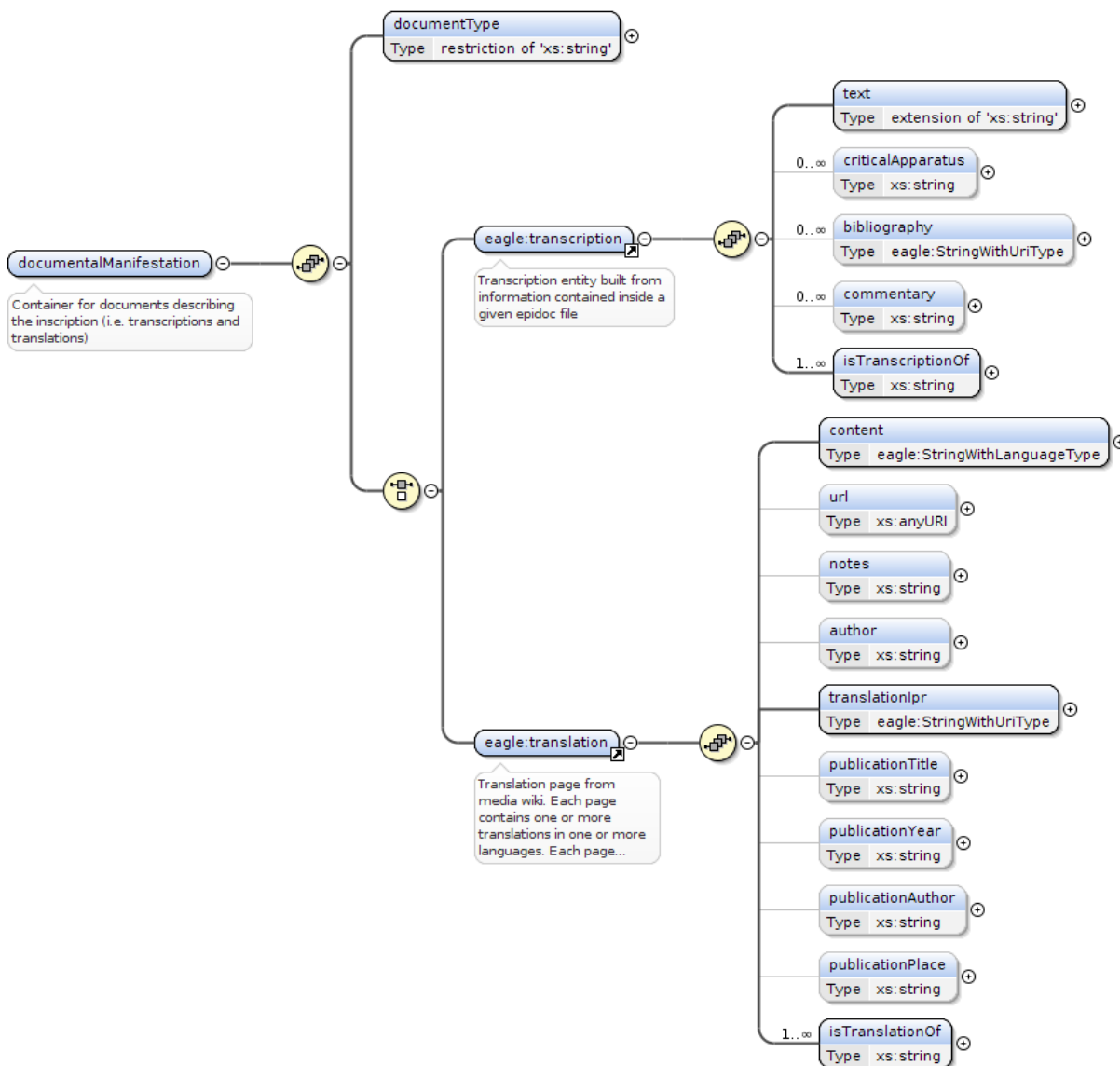


Figure 11 Details of transcription and translation entities

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”.



ANNEX I - EAGLE METADATA SURVEY TEMPLATE

METADATA CATEGORIES

Category	Elements

ELEMENTS

Element name	
Datatype	
Format	
Mandatory	
Cardinality	
Description	
Examples	

Element name	
Datatype	
Format	
Mandatory	
Cardinality	
Description	
Examples	

VOCABULARIES

Vocabulary name	
Used in	
Examples	
Description	
Allowed values	
Languages available	
Available via Web	

Vocabulary name	
Used in	
Examples	



Description	
Allowed values	
Languages available	
Available via Web	

VOCABULARIES (ALLOWED VALUES)

Vocabulary:			
Language1	Language2	Language3	...

Vocabulary:			
Language1	Language2	Language3	...

RELATIONAL TABLES

Table Name				
Column Name	Datatype	Repeated?	Mandatory?	Comment

Table Name				
Column Name	Datatype	Repeated?	Mandatory?	Comment



ANNEX II - EPIDOC DOCUMENT TEMPLATE

```
<?xml-model href="http://www.stoa.org/epidoc/schema/latest/tei-epidoc.rng"
schematypens="http://relaxng.org/ns/structure/1.0"?>
<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>
          <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>
      <sourceDesc>
        <msDesc>
          <msIdentifier>
            <country>
              <placeName type="modern" ref="<!--TMgeo_id-->"><!--
-Modern Country--></placeName>
            </country>
            <region>
              <placeName type="modern" ref="<!--TMgeo_id-->"><!--
-Modern region--></placeName>
            </region>
            <settlement>
              <placeName ref="<!--TMgeo_id-->"><!--modern
findspot--></placeName>
            </settlement>
            <repository ref="<!-- trismegistos collection uri--
>"><!--present location--></repository>
            <collection></collection>
```



```

        <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></p>
                    <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 technique--></rs>
                    <dimensions>
                        <width unit="cm"></width>
                        <height unit="cm"><!--letter size--
></height>
                    </dimensions>
                    <rs type="metre"></rs>
                </layout>
            </layoutDesc>
        </objectDesc>
        <handDesc>
            <handNote>

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

    <history>
        <origin>
            <origPlace>
                <placeName ref="<!--TM geo ID-->"

```




```

type="provinceItalicRegion"><!--PROVINCE ITALIC REGION--></placeName>
    <placeName ref="<!--TM geo ID-->"><!--ANCIENT
FINDSPOT--></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-->"

datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"
    period="www.eagle-
network.eu/voc/dates/lod/XX">
<!--          any descriptive info on date, if any          -->
<!--  when there is uncertainty: add into <origDate></origDate>
        the following:
        <certainty level="high" target=".."/>
        -->
    </origDate>

    </origin>
    <provenance type="found">
        <date when=""><!--YEAR OF FIND--></date>
<!--  THE FOLLOWING INFORMATIONS ARE REPEATED from above, it might be
unnecessary.-->

        <placeName ref="<!--geonames uri Modern
findspot-->"><!--modern findspot--></placeName>
        <placeName type="modern" ref="<!--geonames uri
Modern Country-->"><!--Modern Country--></placeName>
        <placeName type="modern" ref="<!--geonames uri
Modern region-->"><!--Modern region--></placeName>
    </provenance>
    </history>
    </msDesc>
    </sourceDesc>
    </fileDesc><!-- all this section can be standard and does not need any
change by CP. it contains the change element which I think we can
use to track revisions since no versioning repository is being
used -->

    <encodingDesc>
    <p>Marked-up according to the EpiDoc Guidelines</p>
    <classDecl>
    <taxonomy>
    <category xml:id="representation">
    <catDesc>Digitized other representations</catDesc>
    </category>
  
```



```

        </taxonomy>
    </classDecl>
</encodingDesc>
<profileDesc>
    <textClass>

<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-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>
    <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>
    <!-- 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>

```



```
</facsimile>
<text>
  <body>

    <div type="bibliography">
      <listBibl>
        <!--Literature: if possible each entry as below-->
        <bibl>
          <ptr target="<!--Bibliography URI-->" />
          <!--publication name or abbreviation-->
<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="URI"><!--http://www.eagle-
network.eu/wiki/index.php/Item:XX--></ref>
        <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>
```

EAGLE
Deliverable 3.1.2
EAGLE metadata model specification



```
</body>  
</text>  
</TEI>
```

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.

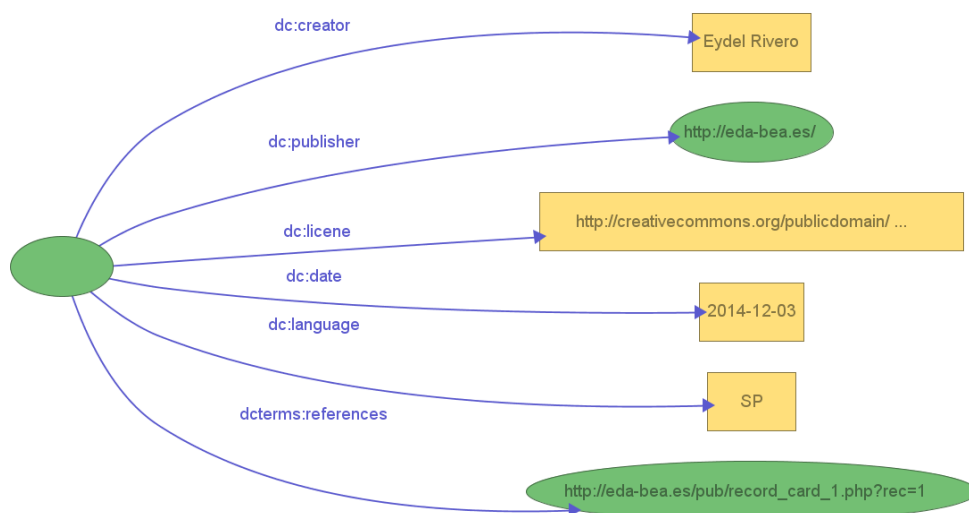


Figure 12 Metadata RDF graph representation.

Metadata author (not mandatory, cardinality: 1)

This element identifies the author of this metadata document.

It is represented by *dc:creator*

```
<rdf:Description>
  <dc:creator>Eydel Rivero Ruíz</dc:creator>
  <dc:publisher rdf:resource="http://eda-bea.es/" />
  <dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <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*.

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



```
</revisionDesc>  
</teiHeader>
```

e.g.

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

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:publisher rdf:resource="http://eda-bea.es/">  
  
  <dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>  
  <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 *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.

```
<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:publisher rdf:resource="http://eda-bea.es/" />

  <dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <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>
```

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 licence²⁹.

It is represented by *dc:licene*

```
<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:publisher rdf:resource="http://eda-bea.es/" />

  <dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <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/fileDesc/publicationStmt/availability/licence

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

²⁹ See <http://creativecommons.org/publicdomain/zero/1.0/>



e.g.

```
<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*

```
<rdf:Description>
  <dc:creator>Eydel Rivero</dc:creator>
  <dc:publisher rdf:resource="http://eda-bea.es/" />
  <dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <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/@when*

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

e.g.

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

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.

```
<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>
```

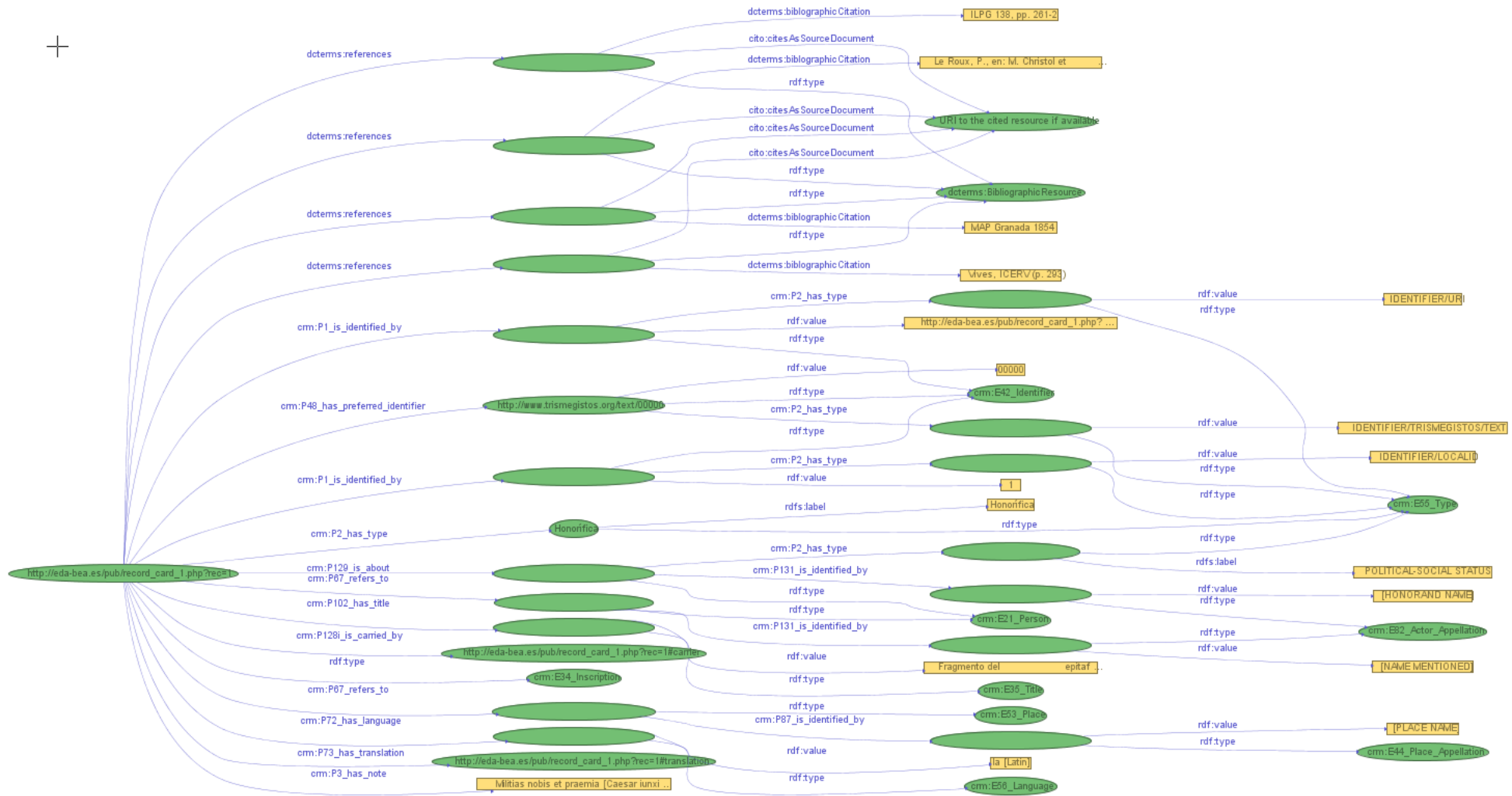


Figure 13 Inscription RDF graph representation.



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*

```
<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*

```
<fileDesc>
```

```
  ...
  <publicationStmt>
    <idno type="localID">Object ID</idno>
    ...
  </publicationStmt>
```

```
  ...
```

```
<fileDesc>
```

e.g.

```
<fileDesc>
```

```
  ...
  <publicationStmt>
    <idno type="localID">1</idno>
    ...
  </publicationStmt>
```

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*

```
<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>http://eda-
bea.es/pub/record_card_1.php?rec=1</rdf:value>
  <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*

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

  <crm:P48_has_preferred_identifier>
```



```
<crm:E42_Identifier
rdf:about="http://www.trismegistos.org/text/00000">
  <rdf:value>00000</rdf:value>
  <crm:P2_has_type>
    <crm:E55_Type>
      <rdf:value>IDENTIFIER/TRISMEGISTOS/TEXT</rdf:value>
    </crm:E55_Type>
  </crm:P2_has_type>
</crm:E42_Identifier>
</crm:P48_has_preferred_identifier>

</crm:E34_Inscription>
```

It corresponds in TEI/EpiDoc 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">
```

```
<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:E34_Inscription>
```

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.

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

e.g.

```
<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 *E62 String* and related to *E34 Inscription* via *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>
```



```
</crm:E34_Inscription>
```

It corresponds in TEI/EpiDoc to *TEI/text/body/div/ab*

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

...

```
  </body>
</text>
```

e.g.

```
<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>alatarum custos dat<supplied
reason="lost">us ita nostras</supplied>
        <lb n="5"/>auxit fortunas ut avunc<supplied reason="lost">uli
Constantini</supplied>
        <lb n="6"/>olim sacrat de nomin<supplied reason="lost">e nos
decorarat</supplied>
      </ab>
    </div>
```

...

```
  </body>
</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:

Militias nobis et praemia [Caesar iunxit]/ accepi gemini bis praem[ia torquis turmae] / Armigerae primum comes al[terum] / Palatarum 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*

```
<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]</rdf:value>
    </crm:E56_Language>
  </crm:P72_has_language>
```

```
</crm:E34_Inscription>
```

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

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

...

```
  </body>
</text>
```

e.g.

```
<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
```

```
Constantini</supplied>
    <lb n="6"/>olim sacrat de nomin<supplied reason="lost">e nos
decorarat</supplied>
    </ab>
</div>
```

...

```
</body>
</text>
```

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*.

```
<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*.

```
<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_Place_Appellation>
            <rdf:value>[PLACE NAME]</rdf:value>
          </crm:E44_Place_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*

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

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

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

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

```
  <dcterms:references>  
    <dcterms:BibliographicResource>  
      <cito:citesAsSourceDocument rdf:resource="URI to the cited
```



```
resource if available"/>
    <dcterms:bibliographicCitation>Le Roux, P., en: M. Christol et
        alii</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>
        ...
        <bibl>
          <ptr target="BIBLIOGRAPHY_URI"/>
          publication name or abbreviation
        </bibl>
        <citedRange> pages, images or number</citedRange>
      </listBibl>
    </div>
    ...
  </body>
```

<text>
e.g.

```
<text>
  <body>
    ...
    <div type="bibliography">
      <listBibl>
        ...
        <bibl>
          <ptr target="Bibliography_URI"/>
          <citedRange>pp 72</citedRange>
        </bibl>
        ...
      </listBibl>
    </div>
```

...

<body>

<text>

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*.

```
<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*.

```
<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>
```

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 Data³⁰ (LAWD) ontology and the Open Annotation Collaboration ontology³¹. 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*.

```
<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#apparatusfragmentsselector1">
            <rdf:type
rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
                <oa:hasSelector>Lin. 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>
```

³⁰ See <https://github.com/lawdi/LAWD>

³¹ See <http://www.openannotation.org/spec/core/>



```

    </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"/>
  <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
  <dc:format>text/plain</dc:format>
  <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if
available"/>
  <dcterms:bibliographicCitation>HEp 14</dcterms:bibliographicCitation>
  <lawd:witness
    rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#witness/siglumSymbol1"/>
</lawd:CollationItem>

  <lawd:Siglum rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#witness/siglumSymbol1">
  <lawd: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>
  </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#apparatusfragmentsselector2">
      <rdf:type
rdf:resource="http://www.openannotation.org/ns/FragmentSelector"/>
      <oa:hasSelector>Lin. 3: [terum]</oa:hasSelector>
    </rdf:Description>
  </oa:hasTarget>
</oa:Annotation>

```



```

    <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>

  <lawd:CollationItem rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#apparatus-entry2">
    <cnt:chars>[TERVM EXCVBIARVM]?</cnt:chars>
    <lawd:readingType rdf:resource="http://lawd.info/ontology/variant"/>
    <rdf:type
rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <dc:format>text/plain</dc:format>
    <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if
available"/>
    <dcterms:bibliographicCitation>P. Le Roux, 1992, p.
272</dcterms:bibliographicCitation>
  </lawd:CollationItem>

```

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,

```



```
p. 272, lín. 3 [TERVM EXCVBIARVM]?;</p>
  </div>
  ...
</body>
</text>
```

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

```
<div type="apparatus">
  <listApp>
    <app>
      <note>HEp 14 Lín. 1: praemia [domnus iunxit]</note>
    </app>
    <app>
      <note>P. Le Roux, 1992, p. 272, lín. 3 [TERVM EXCVBIARVM]?</note>
    </app>
  </listApp>
</div>
```

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*.

```
<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#erasurefragmentsselector1">
      <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"/>
  <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
  <dc:format>text/plain</dc:format>
</lawd:CollationItem>
```

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*.

```
<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#spellingfragmentsselector1">
      <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"/>
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <dc:format>text/plain</dc:format>
</lawd:CollationItem>
```

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#additionfragmentsselector1">
            <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:annotatedAt>2010-11-26T17:59:02</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#addition-entry1">
    <cnt:chars>[comment about the addition]</cnt:chars>
    <lawd:readingType rdf:resource="http://lawd.info/ontology/addition"/>
    <rdf:type
```

```
rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
  <dc:format>text/plain</dc:format>
</lawd:CollationItem>
```

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#commentaryfragmentsselector1">
      <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>

  <lawd:CollationItem rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#commentary-entry1">
    <cnt:chars>[commentary]</cnt:chars>
    <rdf:type
rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <dc:format>text/plain</dc:format>
  </lawd:CollationItem>
```



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:P138i_has_representation  
        rdf:resource="http://eda-bea.es/helper/img_wrapper.php?img=1.png"/>  
    <crm:P129i_is_subject_of rdf:resource="http://eda-bea.es/videos/1234"/>  
    <crm:P46i_forms_part_of rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#object"/>  
  
</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:

```
<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

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

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

e.g.

```
<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: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/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></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>
```




```
        <crm:E58_Measurement_Unit rdf:value="cm"/>
    </crm:P91_has_unit>
    <crm:P2_has_type>
        <crm:E55_Type rdf:value="DIMENSION/FIELD_WIDTH"/>
    </crm:P2_has_type>
    <crm:P90_has_value>45.0</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>
```

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

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"/>
```



```
<rdfs:subPropertyOf rdf:resource="P3_has_note"/>
</rdf:Property>
</crm:E84_Information_Carrier>
  <crm:PEGL_has_paleographic_notes>Letra capital alargada de buena factura.
  Inscripción en hexámetros.</crm:PEGL_has_paleographic_notes>
</crm:E84_Information_Carrier></crm:E84_Information_Carrier>
```

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.

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

e.g.

```
<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.

```
</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>
```

³² See <http://crm.rkbexplorer.com/>

```
        <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></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.

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

e.g.

```
<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.

```
</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:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">
</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/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



```

    <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>
    ...
  
```



```
<origDate
  notBefore-custom="YYYY-MM-DD"
  notAfter-custom="YYYY-MM-DD"
datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"
  evidence="EVIDENCE"
  period="historical period URI"> Text referring to the date of origin
</origDate>

  ...
</origin>
</origin>
...
</history>
e.g.
<history>
  <origin>
    ...
    <origDate
      notBefore-custom="0363"
      notAfter-custom="0363"
      datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"
      evidence="palaeographia"
      period=" www.eagle-network.eu/voc/dates/Constantiniana">Reinado de
Juliano, hacia el 363</origDate>
    ...
  </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>
```



```
<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:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">

<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/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>
```

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"
      datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"
      evidence="EVIDENCE"
      period="historical period URI"> Text referring to the date of origin
    </origDate>

```

```

    ...
  </origin>
</origin>
...

```

</history>

e.g.

```

<history>
  <origin>

```




```
...
<origDate
  notBefore-custom="0363"
  notAfter-custom="0363"
  datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"
  evidence="palaeographia"
  period=" www.eagle-network.eu/voc/dates/Constantiniana">Reinado de
Juliano, hacia el 363</origDate>
  ...
</origin>
</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:P3_has_note>

```
<crm:P39i_was_measured_by>
  <crm:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">

<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/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>
```

It corresponds in TEI/EpiDoc to

```
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/@evidence
```

```
<history>  
  <origin>  
    ...  
    <origDate  
      notBefore-custom="YYYY-MM-DD"  
      notAfter-custom="YYYY-MM-DD"  
      datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"  
      evidence="EVIDENCE"  
      period="historical period URI"> Text referring to the date of origin  
    </origDate>
```

```
    ...  
  </origin>  
</origin>
```

```
  ...  
</history>
```

e.g.

```
<history>  
  <origin>  
    ...  
    <origDate  
      notBefore-custom="0363"  
      notAfter-custom="0363"  
      datingMethod="http://en.wikipedia.org/wiki/Julian_calendar"  
      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 *E55 Type* related to *E12 Production* via *P32 used general technique*.

```
</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:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">

<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/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>

```

It corresponds in TEI/EpiDoc to

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

```

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

```

e.g.

```

<layoutDesc>
  <layout>

```

```
<rs type="execution" ref="http://www.eagle-  
network.eu/voc/writing/lod/1">Chiselled</rs>  
...  
</layout>  
</layoutDesc>
```

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.

```
</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:E16_Measurement  
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">  
  
      <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/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: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:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">

<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/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>

```

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*.

```

</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: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:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">
</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/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>
```

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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
    <crm:P138i_has_representation  
        rdf:resource="http://eda-bea.es/helper/img_wrapper.php?img=1.png"/>
```

```
<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/
```

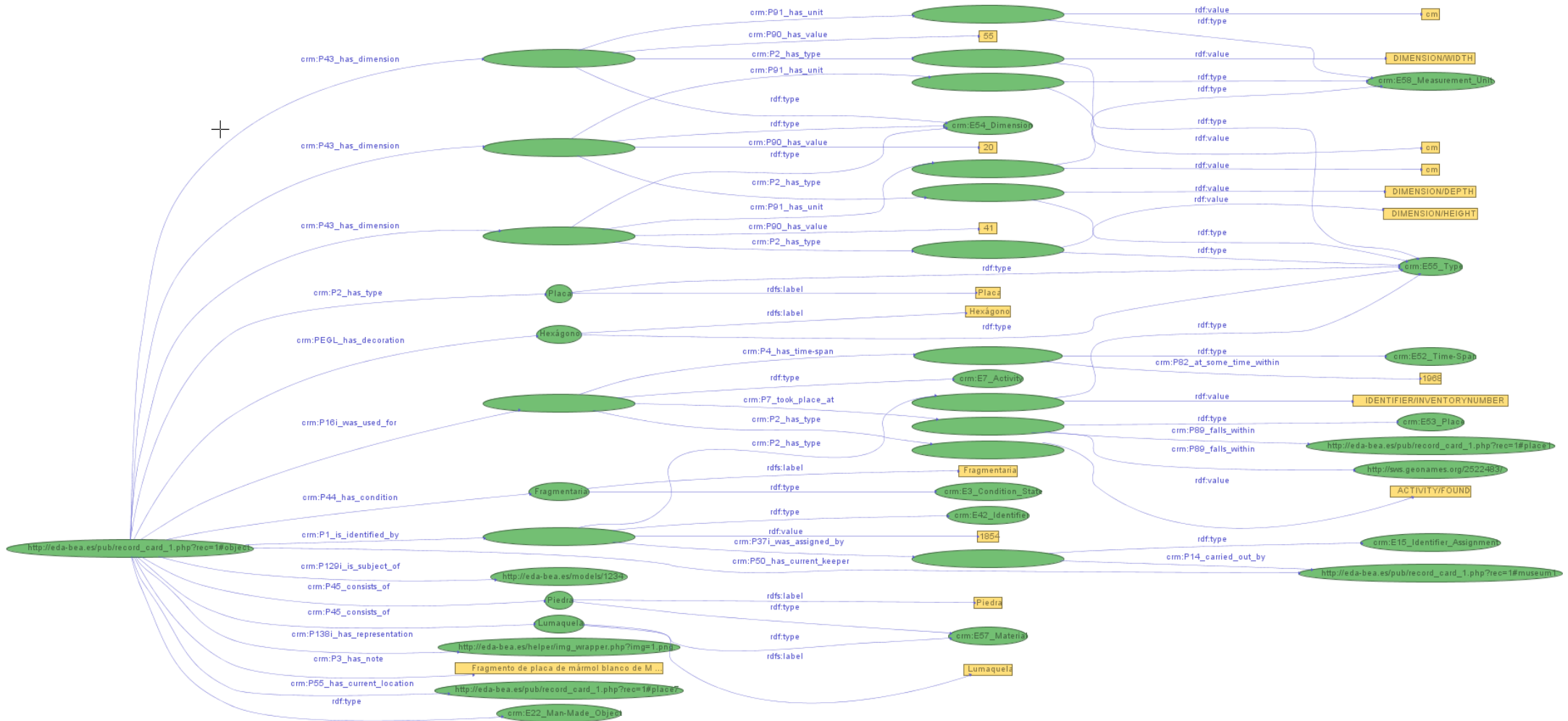


Figure 15 Monument RDF graph representation.

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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
    <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

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

...

```
      </support>
```

```
    </supportDesc>
```

```
  </objectDesc>
```

```
</physDesc>
```

e.g.

```
<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        <objectType ref="http://www.eagle-network.eu/voc/objtyp/lod/260">
          Placa</objectType>
```

...

```
      </support>
```

```
    </supportDesc>
```

```
</objectDesc>
```

```
</physDesc>
```

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*

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
  <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
```

```
<physDesc>
```

```
  <objectDesc>
```

```
    <supportDesc>
```

```
      <support>
```

```
        ...
```

```
        <material ref="material URI">MATERIAL</material>
```

```
        ...
```

```
      </support>
```

```
    </supportDesc>
```

```
  </objectDesc>
```

```
</physDesc>
```

e.g.

```
<physDesc>
```

```
  <objectDesc>
```

```
<supportDesc>
  <support>
    ...
    <material ref="http://www.eagle-network.eu/voc/material/lod/2">
Piedra</material>
    ...
  </support>
</supportDesc>
</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:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
<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>
```


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:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">
```

```
  <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/supp
ort/dimensions/height
```

```
<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>
          <width>55.0</width>
          <depth>5.5</depth>
        </dimensions>
        ...
      </support>
    </supportDesc>
  </objectDesc>
</physDesc>
```

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*

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```



```
<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/support/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>
```



```
        <width>55.0</width>
        <depth>5.5</depth>
    </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*

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
    <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:E22_Man-Made_Object>
```

It corresponds in TEI/EpiDoc to

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

```
<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>
          <width>55.0</width>
          <depth>5.5</depth>
        </dimensions>

        ...

      </support>
    </supportDesc>
  </objectDesc>
</physDesc>
```

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:

```
<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:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">

  <crm:PEGL_has_decoration>
```



```
<crm:E55_Type rdf:about="http://www.eagle-  
network.eu/voc/decor/lod/164">  
  <rdfs:label>Hexágono</rdfs:label>  
</crm:E55_Type>  
</crm:PEGL_has_decoration>  
  
</crm:E22_Man-Made_Object>
```

It corresponds in TEI/EpiDoc to

*/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/supp
ort/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:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
    <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>
        ...
```

```
<rs type="statConservation" ref="Status of Conservation URI">STATUS OF CONSERVATION</rs>
```

```
    ...
  </support>
</supportDesc>
</objectDesc>
```

```
</physDesc>
```

e.g.

```
<physDesc>
  <objectDesc>
    <supportDesc>
      <support>
        ...
```

```
<rs type="statConservation" ref="http://www.eagle-network.eu/voc/statepreserv/lod/6">Fragmentaria</rs>
```

```
    ...
  </support>
</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_geolD) 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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">

    <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">

    <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>
```

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>
```



```
</origPlace>  
</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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
  <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">
```



```
<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>

<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:P2_has_type>  
  <crm:E55_Type rdf:value="PLACE/PROVINCEITALICREGION"/>  
</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"  
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 Geonames³⁴ 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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-  
bea.es/pub/record_card_1.php?rec=1#object">
```

³⁴ Online Geographical Database, for more information see <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:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/GEONAMES</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/MODERNPLACE"/>
  </crm:P2_has_type>
</crm:E53_Place>
</rdf:RDF>
```



```
</crm:P2_has_type>
```

```
<crm:P89_falls_within
rdf:resource="http://sws.geonames.org/2521883/" />
```

```
</crm:E53_Place>
```

It corresponds in TEI/EpiDoc to

```
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName
```

It corresponds in TEI/EpiDoc to

```
<provenance type="found">
```

```
...
<placeName ref="http://www.geonames.org/GEONAMES ID">MODERN FIND
SPOT</placeName>
...
</provenance>
```

e.g.

```
<provenance type="found">
...
<placeName ref="http://www.geonames.org/2522483">Abla</placeName>
...
</provenance>
```

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 Geonames³⁵ 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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">
```

```
<crm:P16i_was_used_for>
<crm:E7_Activity>
```

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

³⁵ Online Geographical Database, for more information see <http://www.geonames.org/>



```

    <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:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/GEONAMES</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/MODERNPLACE"/>
  </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>Almeria</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:P2_has_type>  
      <crm:E55_Type>  
        <rdf:value>IDENTIFIER/GEONAMES</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/MODERNPROVINCE"/>  
  </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/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 Geonames³⁶ 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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
  <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/2521883/">
```

```
  <crm:P87_is_identified_by>
```

```
    <crm:E44_Place_Appellation>
```

³⁶ Online Geographical Database, for more information see <http://www.geonames.org/>



```
        <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:P2_has_type>
          <crm:E55_Type>
            <rdf:value>IDENTIFIER/GEONAMES</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/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:P2_has_type>
          <crm:E55_Type>
            <rdf:value>IDENTIFIER/GEONAMES</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/MODERNREGION"/>
    </crm:P2_has_type>
```



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

```
</crm:E53_Place>
```

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

```
<provenance type="found">
```

...

```
<placeName type="modernRegion" ref="http://www.geonames.org/GEONAMES
ID">MODERN REGION</placeName>
</provenance>
```

e.g.

```
<provenance type="found">
```

...

```
<placeName type="modernRegion"
ref="http://www.geonames.org/2593109">Andalucía</placeName>
</provenance>
```

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 Geonames³⁷ 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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">
```

```
<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" />
```

³⁷ 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: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>Almeria</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:P2_has_type>
            <crm:E55_Type>
                <rdf:value>IDENTIFIER/GEONAMES</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/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:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/GEONAMES</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/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: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:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">
```

```
<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>

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 Geonames³⁸ 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:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">

  <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">
```

³⁸ Online Geographical Database, for more information see <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>
  <region>
    <placeName type="modern" ref=" 25979">Andalucía
  </placeName>
</region>
  <settlement>
    <placeName type="modern" ref=" 14135">Granada
  </placeName>
</settlement>
  ...
</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:

```

<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>
    <settlement>
    <placeName>Place of conservation of second fragment</placeName>
    </settlement>
    <repository>Museum of second fragment</repository>
    <collection>Position of second fragment</collection>
    <idno>Inventory number of second fragment</idno>
  </altIdentifier>

  ...
</msIdentifier>

  ...
</msDesc>

```

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 Geonames³⁹ 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*.

```

<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">

    <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>

```

³⁹ Online Geographical Database, for more information see <http://www.geonames.org/>

```
        <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:P2_has_type>
            <crm:E55_Type>
                <rdf:value>IDENTIFIER/GEONAMES</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/MODERNREGION"/>
    </crm:P2_has_type>

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

    </crm:E53_Place>
```

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
```



```
</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>
    <region>
      <placeName type="modern" ref=" 25979">Andalucía
    </placeName>
  </region>
    <settlement>
      <placeName type="modern" ref=" 14135">Granada
    </placeName>
  </settlement>
  ...
</msIdentifier>
  ...
</msDesc>
```

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 Geonames⁴⁰ identifier corresponding to this toponym is also registered when possible.

⁴⁰ Online Geographical Database, for more information see <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*.

```
<crm:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">

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



```
        </crm:P2_has_type>
        </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: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>
  <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>
    <region>
      <placeName type="modern" ref=" 25979">Andalucía
    </placeName>
  </region>
    <settlement>
      <placeName type="modern" ref=" 14135">Granada
    </placeName>
  </settlement>
  ...
</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:E22_Man-Made_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#object">
```

```
    <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 is kept for conservation.

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

```
<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>

```

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*.

```

<crm:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">

```

```

  <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: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:E42_Identifier>
    </crm:P1_is_identified_by>

```



```
</crm:E22_Man-Made_Object>
```

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 rdf:about="http://europeana.es/pub/record_card_1.php?rec=1#translation">
```

```
...
```

```
</crm:E33_Linguistic_Object>
```

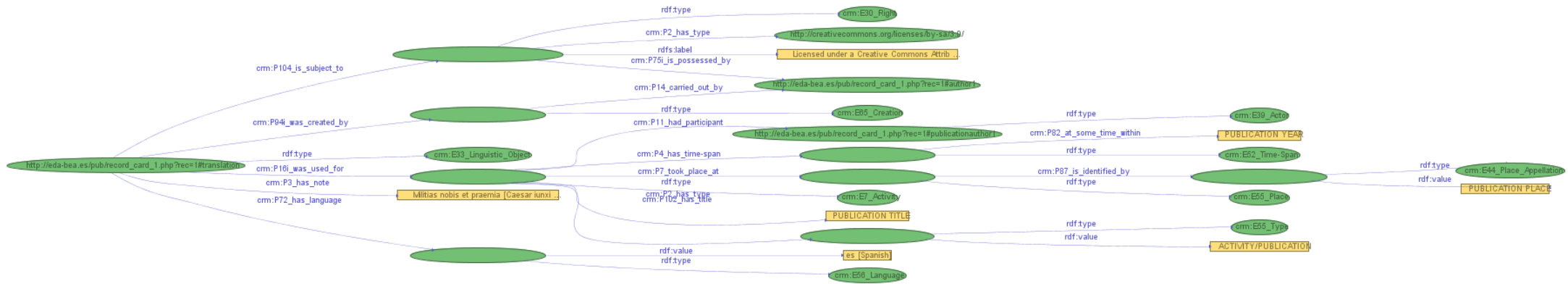


Figure 16 Translation RDF graph representation.

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*

```
<crm:E33_Linguistic_Object rdf:about="http://eda-bea.es/pub/record_card_1.php?rec=1#translation">
```

```
    <crm:P3_has_note> Militias nobis et praemia [Caesar iunxit]/ accepi  
gemi ni bis praem[ia  
    torquis turmae] / Armigerae primum comes al[terum] / Palatarum  
custos dat[us ita  
    nostras] / auxit fortunas ut avunc[uli Constantini] / olim sacrat  
de nomin[e nos  
    decorarat] </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.

```
<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 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*.

```
<crm:E33_Linguistic_Object rdf:about="http://eda-  
bea.es/pub/record_card_1.php?rec=1#translation">  
  
  <crm:P72_has_language>  
    <crm:E56_Language>  
      <rdf:value>es [Spanish]</rdf:value>  
    </crm:E56_Language>  
  </crm:P72_has_language>  
  
</crm:E33_Linguistic_Object>
```

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*.

```
<crm:E33_Linguistic_Object rdf:about="http://eda-  
bea.es/pub/record_card_1.php?rec=1#translation">  
  
  <crm:P94i_was_created_by>  
    <crm:E65_Creation>  
      <crm:P14_carried_out_by  
        rdf:resource="http://eda-  
bea.es/pub/record_card_1.php?rec=1#author1"/>
```

```
        </crm:E65_Creation>
    </crm:P94i_was_created_by>

</crm:E33_Linguistic_Object>
<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:value>Joaquín L. Gómez-Pantoja</rdf:value>
        </crm:E82_Actor_Appellation>
    </crm:P131_is_identified_by>
</crm:E21_Person>
```

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*.

```
<crm:E33_Linguistic_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation">

    <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_posessed_by
                rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#author1"/>
            </crm:E30_Right>
        </crm:P104_is_subject_to>

</crm:E33_Linguistic_Object>
```

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*.

```
<crm:E33_Linguistic_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation">

    <crm:P16i_was_used_for>
        <crm:E7_Activity>
```



```
<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>
```

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 rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation">
```

```
<crm:P16i_was_used_for>
  <crm:E7_Activity>
```



```
<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:E33_Linguistic_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation">
```

```
<crm:P16i_was_used_for>
  <crm:E7_Activity>
```




```

    <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>

```

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:E33_Linguistic_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation">

```

```

  <crm:P16i_was_used_for>
    <crm:E7_Activity>

```



```
<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 *E73 Information Object* and its subclass *E38 Image*.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

...

```
</crm: E73_Information_Object >
```

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*.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <crm:P1_is_identified_by>
    <crm:E42_Identifier>
      <rdf:value>11</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: E73_Information_Object >
```

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

```
<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 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: E73_Information_Object rdf:about="http://eda-  
bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <crm:P1_is_identified_by>  
    <crm:E42_Identifier>  
      <rdf:value>http://eda-  
bea.es/helper/img_wrapper.php?img=1.png</rdf:value>  
      <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.



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

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
    <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 >
```

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*.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
    <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 >
```

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*.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
    <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 >
```

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.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <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: E73_Information_Object >
```

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.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <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_posseessed_by
rdf:resource="http://eda-bea.es/pub/record_card_1.php?rec=1#photorightsholder1" />
      <crm:P75i_is_posseessed_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 >
```

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

```
<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.

```
<facsimile>
  <graphic url="http://eda-bea.es/helper/img_wrapper.php?img=1.png" n="11">
    <desc>Archivo Epigráfico de Hispania

    <ref type="license" target="http://creativecommons.org/licenses/by-
sa/3.0/">Licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported
licence</ref>

  </desc>
</graphic>
</facsimile>
```

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: E73_Information_Object rdf:about="http://eda-
bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <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*.

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <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*.

```
<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.



```
<facsimile>
  <graphic url="http://eda-bea.es/helper/img_wrapper.php?img=1.png" n="11">
    <desc>Archivo Epigráfico de Hispania

    <ref type="license" target="http://creativecommons.org/licenses/by-
sa/3.0/">Licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported
licence</ref>

  </desc>
</graphic>
</facsimile>
```

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*.

```
<crm:E73_Information_Object rdf:about="http://eda-
bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <crm:P3_has_note> [DESCRIPTION OF THE IMAGE. Include here information
regarding Readable,
  Writable, Acquisition technology and Processing
information]</crm:P3_has_note>
```

```
</crm:E73_Information_Object >
```

METADATA ELEMENTS FOR IMAGE OBJECTS (PHOTOGRAPHS, DRAWINGS, GRAPHICS, ORTHOPHOTOS, ETC.)

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

```
<crm:E38_Image rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

...

```
</crm:E38_Image>
```

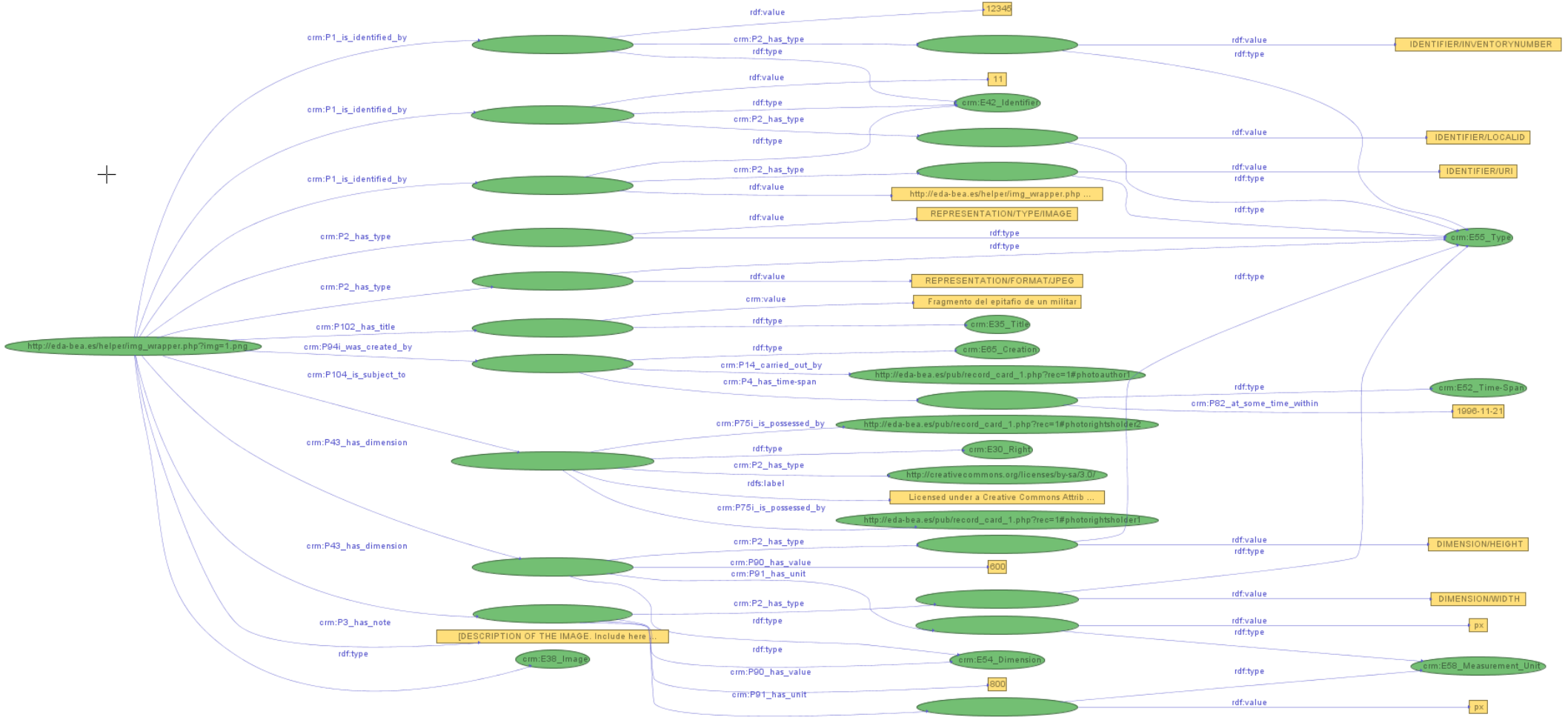


Figure 17 Image RDF graph representation.

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*.

```
<crm:E38_Image rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <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*.

```
<crm:E38_Image rdf:about="http://eda-bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <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 >
```

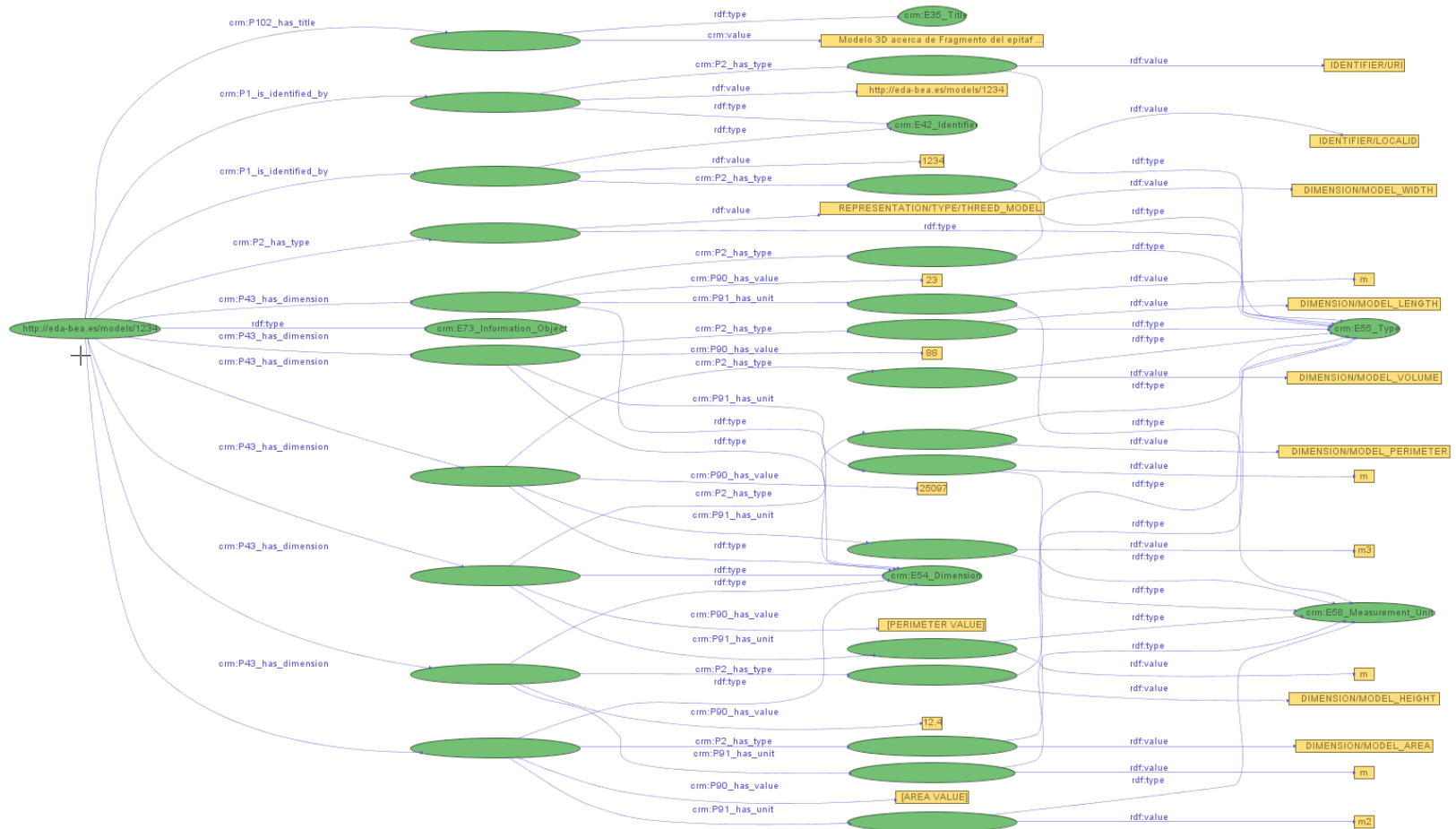


Figure 18 3D Models RDF graph representation.

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*.

```
<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_HEIGHT"/>  
      </crm:P2_has_type>  
      <crm:P90_has_value>12.4</crm:P90_has_value>  
    </crm:E54_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*.

```
<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_LENGTH"/>  
      </crm:P2_has_type>  
      <crm:P90_has_value>88</crm:P90_has_value>  
    </crm:E54_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*.



```
<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_PERIMETER"/>
      </crm:P2_has_type>
      <crm:P90_has_value>[PERIMETER VALUE]</crm:P90_has_value>
    </crm:E54_Dimension>
  </crm:P43_has_dimension>

</crm: E73_Information_Object >
```

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*.

```
<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="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 >
```

METADATA ELEMENTS FOR VIDEO OBJECTS

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

```
<crm: E73_Information_Object rdf:about="http://eda-bea.es/videos/1234">

  ...

</crm: E73_Information_Object >
```

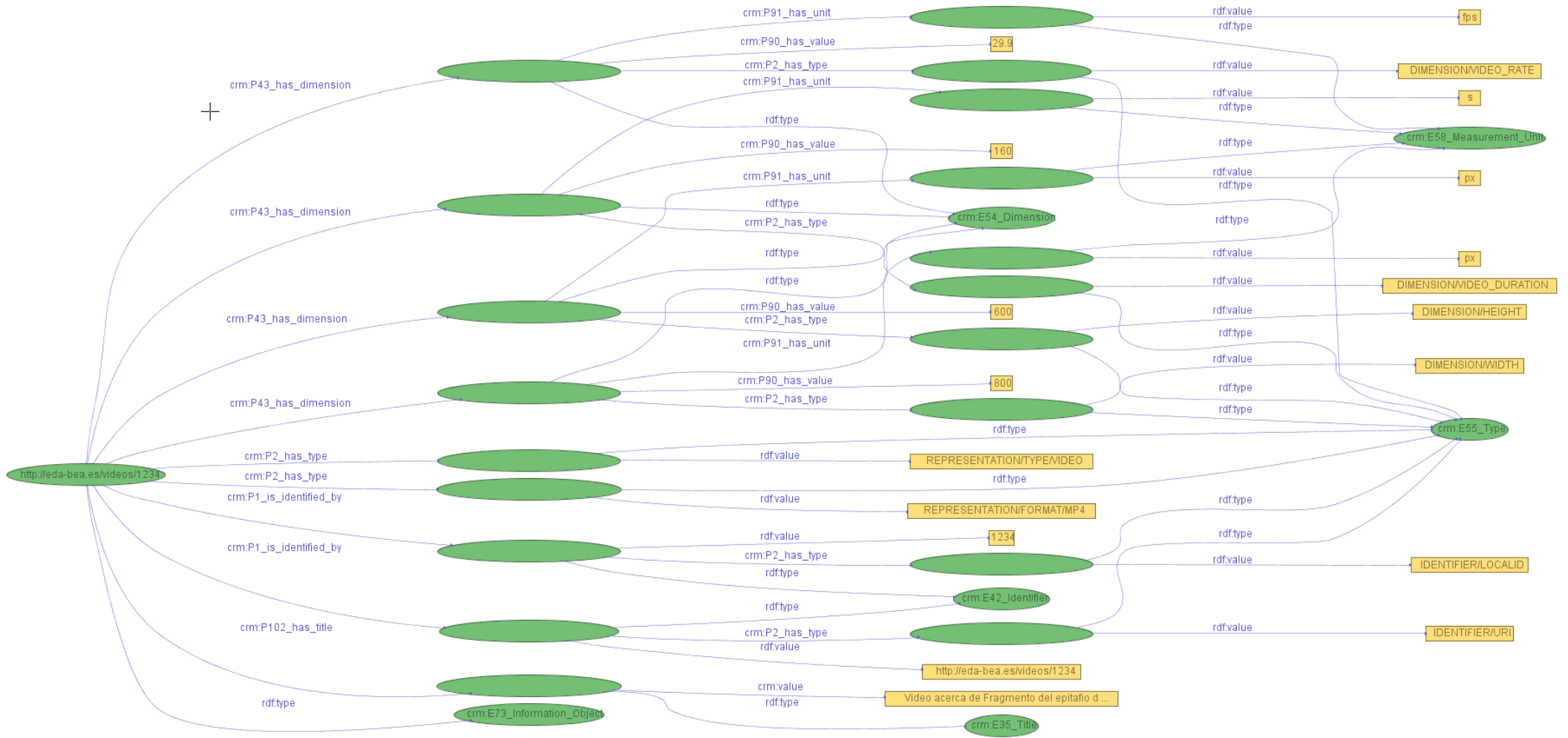



Figure 19 Video RDF graph representation.

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*.

```
<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*.

```
<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*.

```
<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="s"/>  
      </crm:P91_has_unit>  
      <crm:P2_has_type>  
        <crm:E55_Type rdf:value="DIMENSION/VIDEO_DURATION"/>  
      </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*.

```
<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="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)

Element Name	CIDOC - CRM	xpath	EDR
Metadata information			
Metadata author		/TEI/teiHeader/revisionDesc/change/@who	author
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	
Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TBA
Object Title	E35 Title related to E34 Inscription via	/TEI/teiHeader/fileDesc/titleStmt/title	

	P102 has title		
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords /term	i_gattung (Classification of the Inscription)
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	(Text with diacritical mark Marks) / testo_ric (Text without Diacritical Marks)
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	lingua (Languages used in inscription)
Names mentioned	E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	Bibliografia (Bibliography)
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	Apparato (Variants and Commentary)
Erasures			
Spelling errors			

variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	testo_epigr carmen (YES/NO) + typologia
Height of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/height	n.a.
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	n.a.
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	n.a.
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	mis_lettere (Height of Letters - cm)
Dating	The creation of the inscription (this epigraphical field) is represented by an instance of E12	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin	dat_tag (Dating Day); dat_monat /Dating Month); dat_jahr_a (Dating from ...);

	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		dat_jahr_e (Dating to ...) datazione (Dating Arguments)
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore	from
Dating-to	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter	to
Dating-day	E61 Time Primitive		day
Dating-month	E61 Time Primitive		month
Dating-year	E61 Time Primitive		year
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	scriptura (Script)

	technique		
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		
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/p hysDesc/objectDesc/supportDesc/support/obje ctType	
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	
Monument	E54 Dimension and	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p	

height	related to E22 Man-Made Object via P43 has dimension	hysDesc/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/p hysDesc/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/p hysDesc/objectDesc/supportDesc/support/dimensions/depth	
Decoration	E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	Lost
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	fo_antik (Ancient Name of the Finding Place)



	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.		
Roman Province / Italic Region	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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName	provinz (Roman Province or Ancient Italy Regions)
Modern find spot	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	
Modern Province	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName	n.a.



	related to E53 Place via P48 has preferred identifier		
Modern region	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	n.a.
Modern Country	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	land (Modern Country)
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	n.a.
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement	

	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.		
Region of conservation	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/msIdentifier/region/placeName	n.a.
Country of conservation	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/msIdentifier/country/placeName	n.a.
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository	
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/ collection	



Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno	n.a.
Translations	E33 Linguistic Object and linked from E34 Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	n.a.
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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	E30 Right and related to E33 Linguistic Object via property P104 is subject to		
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		

	<p>or epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory	E42 Identifier related to E73 Information Object via P1 is identified		



number	by.		
Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		

Image width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR EPIGRAPHIC DATABASE BARI (UNIBA)

Element Name	CIDOC - CRM	xpath	EDB
Metadata information			
Metadata author		/TEI/teiHeader/revisionDesc/change/@who	author
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TBA
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords /term	Function
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	Transcription
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	Greek language and alphabet / Coexistence of latin/greek
Names mentioned	E82 Actor Appellation, contained within E21 Person which		



	is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	ICVR Volume ICVR Number ICVR Sub Number Other bibliographic references
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	Critical Apparatus
Erasures			
Spelling errors variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	Transcription different from ICVR; Notes
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	Metrical Text



	metre		
Height of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/height	n.a.
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	n.a.
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	Paleographic Notes
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	Letters Height Minumum ; Letters Height Minumum
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin	Dating interval Specific time span from ; Specific time span to; Date in the text
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notBefore	from

Dating-to	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter	to
Dating-day	E61 Time Primitive		day
Dating-month	E61 Time Primitive		month
Dating-year	E61 Time Primitive		year
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	Executing Technique
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17		



	was motivated by		
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/p hysDesc/objectDesc/supportDesc/support/obj ectType	
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	decoration
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	
Decoration	E55 Type and	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p	



	related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration	hysDesc/objectDesc/supportDesc/support/rs	
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	Reuse/Opistograph
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	



	Place via P48 has preferred identifier.		
Roman Province / Italic Region	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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName	
Modern find spot	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	
Modern Province	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	n.a.
Modern region	E44 Place Appellation and related to E53 Place via P87 is identified by. The	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName	



	Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier		
Modern Country	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	
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	n.a.
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement	City/Town

	identified by. The Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Region of conservation	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/msIdentifier/region/placeName	n.a.
Country of conservation	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/msIdentifier/country/placeName	n.a.
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository	Location
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/ collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno	n.a.



Translations	E33 Linguistic Object and linked from E34 Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	n.a.
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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	E30 Right and related to E33		



	Linguistic Object via property P104 is subject to		
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		

	<p>epigraphical or to immaterial objects such as inscriptions and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory	E42 Identifier related to E73 Information Object		



number	via P1 is identified by.		
Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		



Image width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR EPIGRAPHISCHE DATENBANK HEIDELBERG (UHEI)

Element Name	CIDOC - CRM	xpath	EDH
Metadata information			
Metadata author		<u>/TEI/teiHeader/revisionDesc/change/@who</u>	author
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	HD-Nr xxxxxx
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TM no.
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	title (only in xml)
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords/term	Type of inscription
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	Transcription, majuscule
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	Language
Names mentioned	E82 Actor Appellation, contained within		



	E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	Literature
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	n.a.
Erasures			
Spelling erros variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	Commentary
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	Metre Commentary
Height of Epigraphical	E54 Dimension and related to E84	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens	n.a.

Field	Information Carrier via P43 has dimension	ions/hight	
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	n.a.
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	n.a.
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	Letter size
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin	Day, month, year from year to
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notBefore	from
Dating-to	E52 Time Span and related to E12 Production via P4	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notAfter	to

	has time-span.		
Dating-day	E61 Time Primitive		day
Dating-month	E61 Time Primitive		month
Dating-year	E61 Time Primitive		year
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	Engraving technique; Guidelines; Hederae
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		



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/p hysDesc/objectDesc/supportDesc/support/obj ectType	Type of monument
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	material
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	n.a.
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	height width depth
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	height width depth
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	height width depth
Decoration	E55 Type and related to E22 Man-Made Object using	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	decoration



	the EAGLE custom property PEGL has decoration		
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	n.a.
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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	Ancient find spot



Roman Province / Italic Region	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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName	Province / Italic Region
Modern find spot	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	Modern find spot
Modern Province	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	n.a.
Modern region	E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName	Modern region



	Identifier and related to E53 Place via P48 has preferred identifier		
Modern Country	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	Modern Country
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	Year of find
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/midentifier/settlement	Present location



	instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Region of conservation	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/m sidentifier/region/placeName	n.a.
Country of conservation	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/m sidentifier/country/placeName	n.a.
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/repository	n.a.
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/ collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/idno	n.a.
Translations	E33 Linguistic Object and linked from E34		



	Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	Translation
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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	E30 Right and related to E33 Linguistic Object via property P104 is subject to		



<p>Publication title</p>	<p>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.</p>		
<p>Year of publication</p>	<p>E52 Time Span and related to the E7 Activity via P4 has time span.</p>		
<p>Place of publication</p>	<p>E53 Place and related to the E7 Activity via P7 took place at</p>		
<p>Publication author</p>	<p>E39 Actor and related to the E7 Activity via P11 had participant</p>		
<p>Visual representation objects</p>	<p>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</p>		

	<p>and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		

Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		
Image width	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has		



	dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR HISPANIA HEPIGRAPHICA ONLINE (UAH)

Element Name	CIDOC - CRM	xpath	HE
Metadata information			
Metadata author		<u>/TEI/teiHeader/revisionDesc/change/@who</u>	resp
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	HEpOI xxxxxx
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TBA
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	Object Title
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords/term	Inscription Type (additional information)
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	Text
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	n.a.
Names mentioned	E82 Actor Appellation, contained within		



	E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	Bibliography
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	Variants
Erasures			
Spelling errors variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	n.a.
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	n.a.
Height of Epigraphical	E54 Dimension and related to E84	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens	Size Of Epigraphical Field

Field	Information Carrier via P43 has dimension	ions/hight	
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	Size Of Epigraphical Field
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	Paleographic Characteristics
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	Height Of Letters
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin	Dating ; dating from ; dating to ; Chronology ; Dating Arguments
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notBefore	from
Dating-to	E52 Time Span and related to E12 Production via P4	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notAfter	to

	has time-span.		
Dating-day	E61 Time Primitive		day
Dating-month	E61 Time Primitive		month
Dating-year	E61 Time Primitive		year
Dating-uncertainty	E62 String		uncertainty in dating
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	chronology
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	Arguments
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	n.a.
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		

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/p hysDesc/objectDesc/supportDesc/support/obj ectType	Object Type
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	Material Rough Definition; Material Refined Definition
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	Description
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	Size of Object
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	Size of Object
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	Size of Object
Decoration	E55 Type and related to E22 Man-Made Object using	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	n.a.



	the EAGLE custom property PEGL has decoration		
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	State of Conservation
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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	Placename in Antiquity / Placename in Antiquity (additional information)



<p>Roman Province / Italic Region</p>	<p>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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</p>	<p>Roman Province</p>
<p>Modern find spot</p>	<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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern Province</p>	<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</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern region</p>	<p>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	



	Identifier and related to E53 Place via P48 has preferred identifier		
Modern Country	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	
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	n.a.
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/midentifier/settlement	



	instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Region of conservation	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/m sidentifier/region/placeName	
Country of conservation	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/m sidentifier/country/placeName	
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/repository	Museum
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/ collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/idno	Inventory Number
Translations	E33 Linguistic Object and linked from E34		



	Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	Translation
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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.		author's name, institution, email
Translation rights	E30 Right and related to E33 Linguistic Object via property P104 is subject to		



<p>Publication title</p>	<p>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.</p>		
<p>Year of publication</p>	<p>E52 Time Span and related to the E7 Activity via P4 has time span.</p>		
<p>Place of publication</p>	<p>E53 Place and related to the E7 Activity via P7 took place at</p>		
<p>Publication author</p>	<p>E39 Actor and related to the E7 Activity via P11 had participant</p>		
<p>Visual representation objects</p>	<p>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</p>		

	<p>and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		

Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		
Image width	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has		



	dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR UBI ERAT LUPA (PLUS)

Element Name	CIDOC - CRM	xpath	UbiEratLupa
Metadata information			
Metadata author		<u>/TEI/teiHeader/revisionDesc/change/@who</u>	author
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	id
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TBA
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	Titel
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords/term	INSCHRIFT_TYP_ID + INSCHRIFT_TYP_ADDINFO
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	Inschrift
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	
Names mentioned	E82 Actor Appellation, contained within		



	E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	Literatur + online literature
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	INSCHRIFT_VARIANTEN
Erasures			
Spelling errors variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	Kommentar
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	
Height of	E54 Dimension and	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p	INSCHRIFT_FELD

Epigraphical Field	related to E84 Information Carrier via P43 has dimension	hysDesc/objectDesc/layoutDesc/layout/dimensions/height	GROESSE
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimensions/width	INSCHRIFT_FELD GROESSE
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	INSCHRIFT_PALAEOGRAPHIE
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	INSCHRIFT_BUCHSTABENHOEHE
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin	
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore	Datierung_von
Dating-to	E52 Time Span and related to E12 Production via P4	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter	Datierung_bis

	has time-span.		
Dating-day	E61 Time Primitive		day
Dating-month	E61 Time Primitive		month
Dating-year	E61 Time Primitive		year
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	Datierung_Begrue ndung
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	Datierung_Phase_I D
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		

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/p hysDesc/objectDesc/supportDesc/support/obje ctType	Objekt_ID + Monument_ID
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	Material_grob_ID Material_fein_ID
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	Ikonografie
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	Breite Hoehe Tiefe
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	Breite Hoehe Tiefe
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	Breite Hoehe Tiefe
Decoration	E55 Type and related to E22 Man-Made Object using	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	



	the EAGLE custom property PEGL has decoration		
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	Erhaltung
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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	fundort_antik_pfad



<p>Roman Province / Italic Region</p>	<p>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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</p>	<p>provinz_id</p>
<p>Modern find spot</p>	<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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	<p>fundort_pfad</p>
<p>Modern Province</p>	<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</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern region</p>	<p>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	



	Identifier and related to E53 Place via P48 has preferred identifier		
Modern Country	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	
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	Fundumstaende
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/mstidentifier/settlement	verwahrort_pfad + Verwahrumsstaende



	instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Region of conservation	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/m sidentifier/region/placeName	
Country of conservation	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/m sidentifier/country/placeName	
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/repository	museum_pfad
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/ collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/idno	InvNumber
Translations	E33 Linguistic Object and linked from E34		



	Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	Uebersetzung
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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	E30 Right and related to E33 Linguistic Object via property P104 is subject to		



<p>Publication title</p>	<p>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.</p>		
<p>Year of publication</p>	<p>E52 Time Span and related to the E7 Activity via P4 has time span.</p>		
<p>Place of publication</p>	<p>E53 Place and related to the E7 Activity via P7 took place at</p>		
<p>Publication author</p>	<p>E39 Actor and related to the E7 Activity via P11 had participant</p>		
<p>Visual representation objects</p>	<p>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</p>		

	<p>and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		

Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		
Image width	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has		



	dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR ARACHNE (DAI)

Element Name	CIDOC - CRM	xpath	ARACHNE (CIL inscriptions)
Metadata information			
Metadata author		<u>/TEI/teiHeader/revisionDesc/change/@who</u>	
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords/term	
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	
Names mentioned	E82 Actor Appellation, contained within		



	E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	
Erasures			
Spelling erros variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	
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 PEG_L has metre	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	
Height of Epigraphical	E54 Dimension and related to E84	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens	

Field	Information Carrier via P43 has dimension	ions/hight	
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin	
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notBefore	precise date will be expressed giving the same value in both this fields
Dating-to	E52 Time Span and related to E12 Production via P4	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notAfter	

	has time-span.		
Dating-day	E61 Time Primitive		
Dating-month	E61 Time Primitive		
Dating-year	E61 Time Primitive		
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		



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/p hysDesc/objectDesc/supportDesc/support/obj ectType	
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	
Decoration	E55 Type and related to E22 Man-Made Object using	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	



	the EAGLE custom property PEGL has decoration		
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	
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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	



<p>Roman Province / Italic Region</p>	<p>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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</p>	
<p>Modern find spot</p>	<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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern Province</p>	<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</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern region</p>	<p>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	



	Identifier and related to E53 Place via P48 has preferred identifier		
Modern Country	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	
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement	



	instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Region of conservation	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/m sIdentifier/region/placeName	
Country of conservation	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/m sIdentifier/country/placeName	
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sIdentifier/repository	
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sIdentifier/ collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sIdentifier/idno	
Translations	E33 Linguistic Object and linked from E34		



	Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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	E30 Right and related to E33 Linguistic Object via property P104 is subject to		



<p>Publication title</p>	<p>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.</p>		
<p>Year of publication</p>	<p>E52 Time Span and related to the E7 Activity via P4 has time span.</p>		
<p>Place of publication</p>	<p>E53 Place and related to the E7 Activity via P7 took place at</p>		
<p>Publication author</p>	<p>E39 Actor and related to the E7 Activity via P11 had participant</p>		
<p>Visual representation objects</p>	<p>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</p>		

	<p>and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		

Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		
Image width	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has		



	dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR PETRAE (AUSONIUS)

Element Name	CIDOC - CRM	xpath	PETRAE
Metadata information			
Metadata author		<u>/TEI/teiHeader/revisionDesc/change/@who</u>	
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	TBA
Language of metadata		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang	



Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	fixed value (TBA)
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	TBA
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	title
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords/term	
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	text (as in the Epidoc)
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	language TBA
Names mentioned	E82 Actor Appellation, contained within		



	E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		
Bibliography		/TEI/text/body/div	éd. + comm. TBU
Honorand			
Political-Social status			
Critical Apparatus		/TEI/text/body/div/p	apparat critique
Erasures			
Spelling errors variations			
Editorial additions			
Commentary		/TEI/text/body/div/p	Remarques
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 PEG_L has metre	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	
Height of Epigraphical	E54 Dimension and related to E84	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens	



Field	Information Carrier via P43 has dimension	ions/hight	
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	Style écriture
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	Hauteur max. lettre Hauteur min. lettre
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin	datation du text TBU
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notBefore	
Dating-to	E52 Time Span and related to E12 Production via P4	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origDate/@notAfter	

	has time-span.		
Dating-day	E61 Time Primitive		
Dating-month	E61 Time Primitive		
Dating-year	E61 Time Primitive		
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	paragraph in datation du text
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		

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/p hysDesc/objectDesc/supportDesc/support/obj ectType	support TBA
Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	Matériaux
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	Description du champ épigraphique
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	Hauteur Largeur Epaisseur
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	Hauteur Largeur Epaisseur
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	Hauteur Largeur Epaisseur
Decoration	E55 Type and related to E22 Man-Made Object using	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	Ornementation, décor



	the EAGLE custom property PEGL has decoration		
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	État de conservation
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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	site nom antique (with Pleiades URI)



<p>Roman Province / Italic Region</p>	<p>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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</p>	<p>province romaine (NOT IN THE EPIDOC)</p>
<p>Modern find spot</p>	<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.</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern Province</p>	<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</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	
<p>Modern region</p>	<p>E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is recorded using an instance of E42</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName</p>	



	Identifier and related to E53 Place via P48 has preferred identifier		
Modern Country	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	
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	Conditions de découverte
Place of Conservation	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/mstidentifier/settlement	Lieu de conservation



	instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Region of conservation	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/m sidentifier/region/placeName	
Country of conservation	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/m sidentifier/country/placeName	
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/repository	Institution de conservation
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/ collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/m sidentifier/idno	N° inventaire
Translations	E33 Linguistic Object and linked from E34		



	Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	traduction
Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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	E30 Right and related to E33 Linguistic Object via property P104 is subject to		



<p>Publication title</p>	<p>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.</p>		
<p>Year of publication</p>	<p>E52 Time Span and related to the E7 Activity via P4 has time span.</p>		
<p>Place of publication</p>	<p>E53 Place and related to the E7 Activity via P7 took place at</p>		
<p>Publication author</p>	<p>E39 Actor and related to the E7 Activity via P11 had participant</p>		
<p>Visual representation objects</p>	<p>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</p>		

	<p>and translations. They can be of any of the following types:</p> <ul style="list-style-type: none"> § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video 		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		

Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		
Image width	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has		



	dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		

MAPPING FOR STARC (CYI)

Element Name	CIDOC - CRM	xpath	STARC
Metadata information			
Metadata author		/TEI/teiHeader/revisionDesc/change/@who	Inscription/Record_Information/Editing_date Metadata_editor
Provider of metadata		/TEI/teiHeader/fileDesc/publicationStmt/authority	
Language of		/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lan	Inscription/Record_Information/language

metadata		g	e
Metadata rights		/TEI/teiHeader/fileDesc/publicationStmt/availability/licence	
Metadata modification date		/TEI/teiHeader/revisionDesc/change/@when	
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	Inscription/Descriptive_data/Inventory_number
Object URI within the content provider repository	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Trismegistos number	E42 Identifier	/TEI/teiHeader/fileDesc/publicationStmt/idno	
Object Title	E35 Title related to E34 Inscription via P102 has title	/TEI/teiHeader/fileDesc/titleStmt/title	Inscription/Descriptive_data/Title
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	/TEI/teiHeader/profileDesc/textClass/keywords /term	Inscription/Descriptive_data/Support/Purpose_of_inscription Inscription/Descriptive_data/Support/Genre
Text of inscription	E62 String and related to E34 Inscription via P3 has note	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text	Inscription/Descriptive_data/Apograph
Transcription language	E56 Language and related to E34 Inscription via P72 has language	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD	Inscription/Descriptive_data/Language



Names mentioned	E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to		Inscription/Descriptive_data/Other_names
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67 refers to		Inscription/Descriptive_data/Locations_mentioned
Bibliography		/TEI/text/body/div	Inscription/Bibliography Inscription/Descriptive_data/Main_references
Honorand			Inscription/Descriptive_data/Honorand
Political-Social status			Inscription/Descriptive_data/Political_social_status
Critical Apparatus		/TEI/text/body/div/p	
Erasures			Inscription/Descriptive_data/erasures
Spelling errors variations			Inscription/Descriptive_data/spelling_errors_variations
Editorial additions			Inscription/Descriptive_data/editorial_additions
Commentary		/TEI/text/body/div/p	Inscription/Descriptive_data/other_info, Inscription/Descriptive_data/Interpretation, Inscription/Com



			mentary
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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/rs	Inscription/Descripti ve_data/Metre
Height of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/hight	
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/layoutDesc/layout/dimens ions/width	
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote	Inscription/Descripti ve_data/style_of_w riting Inscription/Descripti ve_data/style_of_le tters Inscription/Descripti ve_data/Scripture Inscription/Descripti ve_data/writing_dir ection Inscription/Descripti ve_data/number_of _signs Inscription/Descripti ve_data/number_of _lines
Letter size	E54 Dimension related to E84 Information Carrier via P43 has	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/handDesc/handNote/height	Inscription/Descripti ve_data/size_of_let ters



	dimension		
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin	Inscription/Descriptive_data/Date
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore	Inscription/Descriptive_data/time_span/terminus_ante_quem
Dating-to	E52 Time Span and related to E12 Production via P4 has time-span.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter	Inscription/Descriptive_data/time_span/terminus_post_quem
Dating-day	E61 Time Primitive		Inscription/Descriptive_data/Date
Dating-month	E61 Time Primitive		Inscription/Descriptive_data/Date
Dating-year	E61 Time Primitive		Inscription/Descriptive_data/Date
Dating-uncertainty	E62 String		
Dating-Text	E62 String	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate	
Chronology	E4 Period and related to E12 Production via P10 falls within	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period	Inscription/Descriptive_data/Period_name

Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence	
Engraving technique	E55 Type related to E12 Production via P32 used general technique	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/pHysDesc/objectDesc/layoutDesc/layout/rs	Inscription/Descriptive_data/writing_technique
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		Inscription/Descriptive_data/Author_of_inscription
Dedicator	E21 Person and related to E12 Production via P14 carried out by		Inscription/Descriptive_data/AwardedBy_dedicator
Event of Inscription	E7 Activity and related to E12 Production via P17 was motivated by		Inscription/Descriptive_data/Event_of_inscription
Restoration	E11 Modification and related to E84 Information Carrier via P31i was modified by		Inscription/Descriptive_data/Restoration
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	Inscription/Descriptive_data/Support/support_type



Material	E57 Material and related to E22 Man-Made Object via P45 consist of	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/mat erial	Inscription/Descripti ve_data/Support/M aterial_support
Description	E62 String related to E22 Man-Made Object via P3 has note	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/p	Inscription/Descripti ve_data/Description Inscription/Descripti ve_data/Support/re use_of_support Inscription/Descripti ve_data/support_co nnection
Monument height	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/height	Inscription/Descripti ve_data/Support/Di mensions/Height,Le ngth,Thickness
Monument width	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/width	Inscription/Descripti ve_data/Support/Di mensions/Height,Le ngth,Thickness
Monument depth	E54 Dimension and related to E22 Man-Made Object via P43 has dimension	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/dim ensions/depth	Inscription/Descripti ve_data/Support/Di mensions/Height,Le ngth,Thickness
Decoration	E55 Type and related to E22 Man-Made Object using the EAGLE custom property PEGL has decoration	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	Inscription/Descripti ve_data/Support/D ecoration_support Inscription/Descripti ve_data/decoration _of_inscription
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/p hysDesc/objectDesc/supportDesc/support/rs	Inscription/Descripti ve_data/Conservati on/Conservation_st atus Inscription/Descripti ve_data/Condition_ of_inscription
Ancient find spot	The event of finding the object is modelled here	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/hi story/origin/origPlace/placeName	Inscription/Descripti ve_data/Discovery/ Ancient_name



	<p>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.</p>		
<p>Roman Province / Italic Region</p>	<p>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</p>	<p>/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName</p>	<p>Inscription/Descriptive_data/Discovery/Regio_antiqua</p>



	preferred identifier.		
Modern find spot	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	Inscription/Descriptive_data/Discovery/Place_of_discovery
Modern Province	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	
Modern region	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	Inscription/Descriptive_data/Discovery/Region_District
Modern Country	E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName	Inscription/Descriptive_data/Discovery/Country



	recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier		
Year of find	E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when	Inscription/Descriptive_data/Discovery/Discovery_date
Place of Conservation	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.	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/metadata/settlement	Inscription/Descriptive_data/Conservation/Place_of_conservation
Region of conservation	E44 Place Appellation and related to E53 Place via P87 is identified by. The	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/metadata/region/placeName	



	Geonames ID is recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier.		
Country of conservation	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/msIdentifier/country/placeName	Inscription/Descriptive_data/Conservation/Country_of_conservation
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository	Administrative_data/External_object_reference/Ownership_rights_institution
Position		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection	
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno	Administrative_data/External_object_reference/External_source_catalogue_number
Translations	E33 Linguistic Object and linked from E34 Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note	/TEI/text/body/div	Inscription/Descriptive_data/Translation



Translation language	E56 Language and related to E33 Linguistic Object via P72 has language	/TEI/text/body/div/head/TEI/text/body/div/@xml:lang	
Translation author	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.		Inscription/Descriptive_data/Translation/translator
Translation rights	E30 Right and related to E33 Linguistic Object via property P104 is subject to		
Publication title	If the translated text has been published, this event is expressed using an instance of E7 Activity related to E33 Linguistic Object		Inscription/Descriptive_data/Translation/publication



	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.		Inscription/Descriptive_data/Translation/date
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	<p>E73 Information Object and its subclass E38 Image.</p> <p>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:</p> <p>§ Image (Photographs, Drawings, Graphics,</p>		



	Orthophotos, etc.) § PDF 3D § Text § 3D model § Video		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	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	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation format	E55 Type and related to E73 Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		
Visual representation rights			
Creation date	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	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		
Visual representation description	E62 String related to E73 Information Object via P3 has note		
Images	E38 Image		
Image width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
Image height	E54 Dimension and related to E73 Information Object via P43 has		



	dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has		



	dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related to E73 Information Object via P43 has dimension		



ANNEX V - DETAILED MAPPING TABLE FOR EDM

Element Name	CIDOC CRM	EDM	xpath
Metadata information			
Metadata author			/TEI/teiHeader/revisionDesc/change/@who
Provider of metadata		edm:dataProvider	/TEI/teiHeader/fileDesc/publicationStmt/authority
Language of metadata		dc:language	/TEI/teiHeader/fileDesc/titleStmt/title/@xml:lang
Metadata rights		edm:rights	/TEI/teiHeader/fileDesc/publicationStmt/availability/licence
Metadata modification date			/TEI/teiHeader/revisionDesc/change/@when
Inscription	E34 Inscription		
Object identification within the content provider repository	E42 Identifier		/TEI/teiHeader/fileDesc/publicationStmt/idno
Object URI within the content provider repository	E42 Identifier	edm:isShownAt	/TEI/teiHeader/fileDesc/publicationStmt/idno
Trismegistos number	E42 Identifier	owl:sameAs	/TEI/teiHeader/fileDesc/publicationStmt/idno
Object Title	E35 Title related to E34 Inscription	dc:title	/TEI/teiHeader/fileDesc/titleStmt/title



	via P102 has title		
Type of inscription	E55 Type related to E34 Inscription via P103 was intended for	dc:type	/TEI/teiHeader/profileDesc/textClass/keywords/term
Text of inscription	E62 String and related to E34 Inscription via P3 has note	edm:type (TEXT)	/TEI/text/body/div/head (for the required value TEXT) /TEI/text/body/div/ab for the actual text
Transcription language	E56 Language and related to E34 Inscription via P72 has language	subject	/TEI/text/body/div@xml:lang=VALUE OF LANGUAGE FIELD
Names mentioned	E82 Actor Appellation, contained within E21 Person which is related to E34 Inscription using P67 refers to		
Location mentioned	E44 Place Appellation, contained within E53 Place which is related to E34 Inscription using P67		



	refers to		
Bibliography		dcterms:isReferenced By	/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
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		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/o bjectDesc/layoutDesc/layout/rs
Height of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/o bjectDesc/layoutDesc/layout/dimensions/hight



	P43 has dimension		
Width of Epigraphical Field	E54 Dimension and related to E84 Information Carrier via P43 has dimension		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/dimensions/width
Paleographic Characteristics	E62 String related to E34 Inscription via EAGLE custom property PEGL has paleographic notes		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote
Letter size	E54 Dimension related to E84 Information Carrier via P43 has dimension		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/handDesc/handNote/height
Dating	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	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin



	P10i was produced by. Dating is represented by E52 Time Span and related to E12 Production via P4 has time-span		
Dating-from	E52 Time Span and related to E12 Production via P4 has time-span.	edm:begin	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notBefore
Dating-to	E52 Time Span and related to E12 Production via P4 has time-span.	edm:end	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@notAfter
Dating-day	E61 Time Primitive		
Dating-month	E61 Time Primitive		
Dating-year	E61 Time Primitive		
Dating-uncertainty	E62 String		
Dating-Text	E62 String		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate
Chronology	E4 Period and related to E12 Production via P10 falls		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@period

	within		
Dating arguments	E16 Measurement and its property P15 was influenced by, and related to E12 Production via P39i was measured by		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origDate/@evidence
Engraving technique	E55 Type related to E12 Production via P32 used general technique		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc/layout/rs
Author of inscription	E21 Person and related to E12 Production via P14 carried out by		
Dedicator	E21 Person and related to E12 Production via P14 carried out by		
Event of Inscription	E7 Activity and related to E12 Production via P17 was		



	motivated by		
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	edm:PhysicalThing dc: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	dc:description	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/p
Monument height	E54 Dimension		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/dimensions/height



	and related to E22 Man-Made Object via P43 has dimension		
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 the EAGLE custom property PEGL has decoration		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs
State of preservation	E3 Condition State related to E22 Man-Made Object via P44 has condition		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/supportDesc/support/rs
Ancient find spot	The event of finding the object is modelled here using E7 Activity related to E22 Man-	lawd:foundAt	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName



	<p>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</p>	
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	to E53 Place via P48 has preferred identifier.		
Roman Province / Italic Region	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.	dcterms:isPartOf	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/origin/origPlace/placeName
Modern find spot	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.	lawd:foundAt	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName
Modern Province	E44 Place Appellation	dcterms:spatial	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName



	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 region	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	dcterms:spatial	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName
Modern Country	E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is	dcterms:spatial	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/placeName



	<p>recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier</p>		
Year of find	<p>E52 Time-Span and related to the E7 Activity representing the finding event via property P4 has time-span</p>	edm:hasMet	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/history/provenance/@when
Place of Conservation	<p>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</p>	edm:currentLocation	/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/settlement



	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.		
Region of conservation	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/msIdentifier/region/placeName
Country of conservation	E44 Place Appellation and related to E53 Place via P87 is identified by. The Geonames ID is		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/country/placeName



	recorded using an instance of E42 Identifier and related to E53 Place via P48 has preferred identifier		
Museum	E39 Actor related to E22 Man-Made Object via P50 has current keeper		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/repository
Position			/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/collection
Inventory Number	E42 Identifier related to E22 Man-Made Object via P1 is identified by		/TEI/teiHeader/fileDesc/sourceDesc/msDesc/msIdentifier/idno
Translations	E33 Linguistic Object and linked from E34 Inscription via property P73 has translation		
Translation text	E62 String and related to E33 Linguistic Object via P3 has note		/TEI/text/body/div



<p>Translation language</p>	<p>E56 Language and related to E33 Linguistic Object via P72 has language</p>		<p>/TEI/text/body/div/head/TEI/text/body/div/@xml:lang</p>
<p>Translation author</p>	<p>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</p>	<p>edm:Agent</p>	



	and related to E21 Person via property P131 is identified by.		
Translation rights	E30 Right and related to E33 Linguistic Object via property P104 is subject to		
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.		



<p>Year of publication</p>	<p>E52 Time Span and related to the E7 Activity via P4 has time span.</p>		
<p>Place of publication</p>	<p>E53 Place and related to the E7 Activity via P7 took place at</p>		
<p>Publication author</p>	<p>E39 Actor and related to the E7 Activity via P11 had participant</p>		
<p>Visual representation objects</p>	<p>E73 Information Object and its subclass E38 Image.</p> <p>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</p>		



	types: § Image (Photographs, Drawings, Graphics, Orthophotos, etc.) § PDF 3D § Text § 3D model § Video		
Object identification within the content provider repository	E42 Identifier and related to E73 Information Object via P1 is identified by		
Visual representation URL	E42 Identifier and related to E73 Information Object via P1 is identified by.	edm:isShownAt	It corresponds in TEI/EpiDoc to /TEI/facsimile/graphic/@url
Visual representation title	E35 Title and related to E73 Information Object via P102 has title		
Visual representation type	E55 Type and related to E73 Information Object via P2 has type		
Visual representation	E55 Type and related to E73		



format	Information Object via P2 has type		
Visual representation inventory number	E42 Identifier related to E73 Information Object via P1 is identified by.		
Visual representation rights			
Creation date	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	E39 Actor or its subclass E21 Person		



	<p>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</p>		
Visual representation description	<p>E62 String related to E73 Information Object via P3 has note</p>		
Images	<p>E38 Image</p>		
Image width	<p>E54 Dimension and related to E73 Information Object via P43 has dimension.</p>		
Image height	<p>E54 Dimension and related to E73 Information</p>		



	Object via P43 has dimension.		
3D models	E73 Information Object		
3D model height	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model length	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model width	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model area	E54 Dimension and related to E73 Information Object via P43 has dimension.		
3D model perimeter	E54 Dimension and related to E73		



	Information Object via P43 has dimension.		
3D model volume	E54 Dimension and related to E73 Information Object via P43 has dimension.		
Videos	E73 Information Object		
Video width	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video height	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video duration	E54 Dimension and related to E73 Information Object via P43 has dimension		
Video rate	E54 Dimension and related		



	to E73 Information Object via P43 has dimension		
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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

europa:rights	Changed to Mandatory. Clarification of use of this element and dc:rights
europa:dataProvider	Mandatory
dc:language	Mandatory for objects with type TEXT, strongly recommended for other types where appropriate.
dc:title or dc:description	Mandatory to provide one of these two
dc:subject , dc:type , dc:coverage , dc:terms:spatial	Mandatory to provide one of these four
europa:country	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.
europa:isShownAt	Mandatory
europa:isShownBy	Mandatory

¹ Europeana Semantic Elements v3.4.1: <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 guidelines²

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.

² Europeana Data Model Mapping Guidelines v1.0.1 <http://pro.europeana.eu/documents/900548/ea68f42d-32f6-4900-91e9-ef18006d652e>

³ For further information, read the EDM Definition v. 5.2.3 (<http://pro.europeana.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.europeana.eu/documents/900548/dc80802e-6efb-4127-a98e-c27c95396d57>) that has the full specification for the Dublin Core elements and the ESE elements reused in EDM.

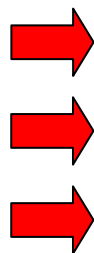
1. Properties for the provided cultural heritage objects (edm:ProvidedCHO)

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.

Property	Note	Value type	Obligation and Occurrence
owl:sameAs	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	ref	min 0, max unbounded
rdf:type	Use to indicate if this resource is of a given ‘real world object’ type – it could be edm:PhysicalThing or a more specific class	ref	min 0, max unbounded
dc:contributor	For contributors to the CHO. If possible supply the identifier of the contributor from an authority source	Literal or ref	min 0, max unbounded
dc:coverage	The spatial or temporal topic of the CHO. Use the more precise dcterms:spatial or dcterms:temporal properties if the data will support it. One of dc:coverage or dc:subject or dc:type or dcterms:spatial MUST be provided	Literal or ref	min 0, max unbounded
dc:creator	For the creator of the CHO. If possible supply the identifier of the creator from an authority source	Literal or ref	min 0, max unbounded
dc:date	Use for a significant date in the life of the CHO. Consider the sub-properties of dcterms:issued	Literal or ref	min 0, max unbounded
dc:description	A description of the CHO. Either dc:description or dc:title MUST be provided⁴	Literal or ref	min 0, max unbounded
dc:format	Use the format of a born digital cultural heritage objects or for other terms applied to the CHO	Literal or ref	min 0, max unbounded
dc:identifier	An identifier of the original CHO (Use the value ‘3D-PDF’ if appropriate to trigger portal icon display)	Literal	min 0, max unbounded
dc:language	The language of text CHOs and also for other types of CHO if there is a language aspect. Mandatory for TEXT objects,	Literal	min 0, max unbounded

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** (Europeana technical team suggestion).

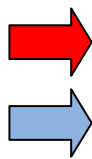
	strongly recommended for other object types with a language element		
dc:publisher	The name of the publisher of the CHO. If possible supply the identifier of the publisher from an authority source.	Literal or ref	min 0, max unbounded
dc:relation	The name or identifier of a related resource, generally used for other related CHOs. Cf. Edm:isRelatedTo	Literal or ref	min 0, max unbounded
dc:rights	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)	Literal or ref	min 0, max unbounded
dc:source	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	Literal or ref	min 0, max unbounded
dc:subject	The subject of the CHO. One of dc:subject or dc:coverage or dc:type or dcterms:spatial MUST be provided	Literal or ref	min 0, max unbounded
dc:title	The title of the CHO. Either dc:title or dc:description MUST be provided⁵	Literal	min 0, max unbounded
dc:type	The nature or genre of the CHO. Ideally the term(s) will be taken from a controlled vocabulary. One of dc:type or dc:subject or dc:coverage or dcterms:spatial MUST be provided	Literal or ref	min 0, max unbounded
dcterms:alternative	Any alternative title of the CHO including abbreviations or translations	Literal or ref	min 0, max unbounded
dcterms:conformsTo	An established standard to which the CHO conforms	Literal or ref	min 0, max unbounded
dcterms:created	The date of creation of the CHO	Literal or ref	min 0, max unbounded
dcterms:extent	The size or duration of the CHO	Literal or ref	min 0, max unbounded
dcterms:hasFormat	A resource related to the CHO that is substantially the same as the CHO but in another format	Literal or ref	min 0, max unbounded
dcterms:hasPart	A resource that is included either physically or logically in the CHO	Literal or ref	min 0, max unbounded
dcterms:hasVersion	Another resource that is a version, edition or adaptation of the CHO demonstrating	Literal or ref	min 0, max unbounded



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).

	substantive changes in content rather than format		
dcterms:isFormatOf	Another resource that is substantially the same as the CHO but in another format	Literal or ref	min 0, max unbounded
dcterms:isPartOf	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.	Literal or ref	min 0, max unbounded
dcterms:isReferencedBy	Another resource that references, cites or otherwise points to the CHO	Literal or ref	min 0, max unbounded
dcterms:isReplacedBy	Another resource that supplants, displaces, or supersedes the CHO.	Literal or ref	min 0, max unbounded
dcterms:isRequiredBy	Another related resource that requires the CHO to support its function, delivery or coherence	Literal or ref	min 0, max unbounded
dcterms:issued	Date of formal issuances or publication of the CHO.	Literal or ref	min 0, max unbounded
dcterms:isVersionOf	Another resource of which the CHO is a version, edition or adaptation, demonstrating substantive changes in content rather than format.	Literal or ref	min 0, max unbounded
dcterms:medium	The material or physical carrier of the CHO	Literal or ref	min 0, max unbounded
dcterms:provenance	A statement of changes in ownership and custody of the CHO since its creation. Significant for authenticity, integrity and interpretation	Literal or ref	min 0, max unbounded
dcterms:references	Other resources referenced, cited or otherwise pointed to by the CHO.	Literal or ref	min 0, max unbounded
dcterms:replaces	A related resource that is supplanted, displaced, or superseded by the CHO.	Literal or ref	min 0, max unbounded
dcterms:requires	Another resource that is required by the described resource to support its function, delivery or coherence.	Literal or ref	min 0, max unbounded
dcterms:spatial	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 dcterms:spatial or dc:type or dc:subject or dc:coverage MUST be provided	Literal or ref	min 0, max unbounded
dcterms:tableOfContents	A list of sub-units of the CHO	Literal	min 0, max unbounded
dcterms:temporal	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)	Literal or ref	min 0, max unbounded





edm:type	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)	Literal	Min 1, max 1
edm:unstored		Literal	min 0, max unbounded
edm:currentLocation	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.	ref	min 0, max 1
edm:hasMet	The identifier of an agent, a place, a time period or any other identifiable entity that the CHO may have 'met' in its life	ref	min 0, max unbounded
edm:hasType	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.	Ref or literal	min 0, max unbounded
edm:incorporates	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.	ref	min 0, max unbounded
edm:isDerivativeOf	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.	ref	min 0, max unbounded
edm:isnextInSequence	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.	ref	min 0, max 1
edm:isRelatedTo	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	Ref or literal	min 0, max unbounded
edm:isRepresentationOf	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.	Ref	Min 0, max 1

edm:isSimilarTo	The identifier of another resource to which the described CHO is similar.	Ref	Min 0, max unbounded
edm:isSuccessorOf	The identifier of a resource to which the described CHO is a successor. E.g. issue 53 of 'Le Temps' isSuccessorOf issue 52	Ref	Min 0, max unbounded
edm:realizes	If the CHO described is of type edm:PhysicalThing it may realize an information object. E.g. a copy of the Gutenberg publication realizes the Bible.	Ref	Min 0, max unbounded
edm:wasPresentAt	The identifier of an event at which the described object was present. E.g. the Stone of Scone was present at the coronation of King James I of England	Ref	Min 0, max unbounded

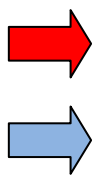
2. Properties for the Web Resource (edm:WebResource)

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.




Property	Note	Value type	Obligation and Occurrence
dc:description	Use for an account or description of this digital representation	Literal or ref	Min 0, max unbounded
dc:format	Use for the format of this digital representation (Use the value '3D-PDF' if appropriate to trigger portal icon display)	Literal or ref	Min 0, max unbounded
dc:rights	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	Literal or ref	Min 0, max unbounded
dc:source	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 conten holder: for this, see edm:dataProvider in the ore:Aggregation table below	Literal or ref	Min 0, max unbounded
dcterms:extent	The size or duration of the web resource	Literal or ref	Min 0, max unbounded
dcterms:issued	Date of formal issuance or publication of	Literal	Min 0, max

	the web resource		unbounded
dcterms:created	Date of creation of the web resource	Literal or ref	Min 0, max unbounded
dcterms:conformsTo	An established standard to which the web resource conforms	Literal or ref	Min 0, max unbounded
dcterms:isFormatOf	Another resource that is substantially the same as the web resource but in another format	Literal or ref	Min 0, max unbounded
edm:rights	<p>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.</p> <p>The value is a URI in a controlled form. See the Rights guidelines at http://pro.europeana.eu/technical-requirements</p>	ref	Min 0, max 1
dcterms:hasPart	A resource that is included either physically or logically in the web resource	Literal or ref	Min 0, max unbounded
edm:isNextInSequence	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.	ref	Min 0, max 1



3. Properties for the Aggregation (ore:Aggregation)

Property	Note	Value type	Obligation and Occurrence
ore:aggregates	This property exists in principle only as it is stated through edm:aggregatedCHO and edm:hasView statements	ref	Min 0, max unbounded
edm:aggregatedCHO	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.	Ref	Min 1, max 1

	edm:dataProvider	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.	Literal or ref	Min 1, max 1
	edm:hasView	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.	ref	Min 0, max unbounded
	edm:isShownBy	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.	ref	Min 0, max 1
	edm:isShownAt	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.	ref	Min 0, max 1
	edm:object	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. See Europeana Portal Image Guidelines (http://pro.europeana.eu/technical-requirements) for information about previews specifications	ref	Min 0, max 1
	edm:provider	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.	Literal or ref	Min 1, max 1



<p>dc:rights edm:rights</p>	<p>Ideally this should be applied to the edm:WebResource or the edm:ProvidedCHO.</p> <p>This is mandatory 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</p>	<p>Ref</p>	<p>Min 1, max 1</p>
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	<p>http://pro.europeana.eu/technical-requirements)</p> <p>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.</p> <p>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.</p>		
<p>edm:unstored</p>	<p>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.</p>	<p>Literal</p>	<p>Min 0, max unbounded</p>
<p>Edm:UGC</p>	<p>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'.</p>	<p>Literal</p>	<p>Min 0, max 1</p>





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)

Property	Note	Value type	Obligation and Occurrence
edm:wasPresentAt	The identifier of an event at which the agent was present	ref	Min 0, max unbounded
edm:hasMet	The identifier of another entity which the agent has 'met' in a broad sense	ref	Min 0, max unbounded
edm:isRelatedTo	The identifier of other entities, particularly other agents, with whom the agent is related in a generic sense	ref	Min 0, max unbounded
skos:prefLabel	The preferred form of the name of the agent	literal	Min 0, max 1 per lang tag
skos:altLabel	Alternative forms of the name of the agent	literal	Min 0, max unbounded
skos:note	A note about the agent, e.g. biographical notes	literal	Min 0, max unbounded
skos:hiddenLabel	Used for non standard forms of the name, such as misspellings, usually in text-based search functions	literal	Min 0, max unbounded
owl:sameAs	The URI of an agent	ref	Min 0, max unbounded
foaf:name	The name of the agent as a simple textual string	literal	Min 0, max unbounded
dc:date	A significant date associated with the agent	ref	Min 0, max unbounded
dc:identifier	An identifier of the agent	ref	Min 0, max unbounded
rdaGr2:dateOfBirth	The date the agent (person) was born	literal	Min 0, max 1
rdaGr2:dateOfDeath	The date the agent (person) died	literal	Min 0, max 1
rdaGr2:dateOfEstablishment	The date on which the agent (group) was established or founded	literal	Min 0, max 1
rdaGr2:dateOfTermination	The date on which the agent (group) was terminated or dissolved	literal	Min 0, max 1
rdaGr3:gender	The gender with which the agent identifies	literal	Min 0, max 1
rdaGr2:professionOrOccupation	The profession or occupation in which the agent works or has	ref	Min 0, max unbounded

	worked		
rdaGr2:biographicalInformation	Information pertaining to the life history of the agent	literal	Min 0, max unbounded
edm:begin	The date the agent was born/established	literal	Min 0, max 1
edm:end	The date the agent died/terminated	literal	Min 0, max 1

2. Properties for a Place (edm:Place)

A spatial location identified by the provider and named according to some vocabulary or local convention

Property	Note	Value type	Obligation and Occurrence
wgs84_pos:lat	The latitude of a spatial thing (decimal degrees)	Literal	min 0, max 1
wgs84_pos:long	The longitude of a spatial thing (decimal degrees)	Literal	min 0, max 1
wgs84_pos:alt	The altitude of a spatial thing (decimal metres above the reference)	Literal	min 0, max 1
wgs84_pos:lat_long	A comma separated representation of a latitude, longitude coordinate	Literal	min 0, max 1
skos:prefLabel	The preferred form of the name of the place	Literal	min 0, max 1 per lang tag
skos:altLabel	Alternative forms of the name of the place	Literal	Min 0, max unbounded
skos:note	Information relating to the place	Literal	Min 0, max unbounded
skos:hiddenLabel	Used for non standard forms of the name, such as misspellings, usually in text-based search functions	Literal	Min 0, max unbounded
dc:terms:hasPart	Identifier of a place that is part of the place being described	ref	Min 0, max unbounded
dcterms:isPartOf	Identifier of a place that the described place is part of	ref	Min 0, max unbounded
owl:sameAs	URI of a Place	ref	Min 0, max unbounded

2. Properties for a Timespan or Period (edm:TimeSpan)

A period of time having a beginning and end and a duration.

Property	Note	Value type	Obligation and Occurrence

skos:prefLabel	The preferred form of the name of the timespan or period	Literal	min 0, max 1 per lang tag
skos:altLabel	Alternative forms of the name of timespan or period	Literal	Min 0, max unbounded
skos:note	Information relating to the timespan or period	Literal	Min 0, max unbounded
dc:terms:hasPart	The identifier of a timespan which is part of the described timespan	ref	Min 0, max unbounded
dcterms:isPartOf	The identifier of a timespan of which the described timespan is part	ref	Min 0, max unbounded
owl:sameAs	The URI of a timespan	ref	Min 0, max unbounded
crm:P79F.beginning_is_qualified_by	Qualifying information about the start of the timespan, such as degree of certainty, precision, source, etc.	Literal	Min 0, max unbounded
crm:P80F.end_is_qualifies_by	Qualifying information about the end of the timespan, such as degree of certainty, precision, source, etc.	Literal	Min 0, max unbounded
edm:begin	The date the timespan started	Literal	Min 0, max 1
edm:end	The date the timespan finished	Literal	Min 0, max 1

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)

Property	Note	Value type	Obligation and Occurrence
skos:prefLabel	The preferred form of the name of the concept	Literal	Min 0, max 1 per lang tag
skos:altLabel	Alternative forms of the name of the concept	Literal	Min 0, max unbounded
skos:broader	The identifier of a broader concept in the same thesaurus or controlled vocabulary	ref	Min 0, max unbounded
skos:narrower	The identifier of a narrower concept	ref	Min 0, max unbounded
skos:related	The identifier of a related concept	ref	Min 0, max unbounded
skos:note	Information relating to the concept	Literal	Min 0, max unbounded

skos:hiddenLabel	Used for non standard forms of the name, such as misspellings, usually in text-based search functions	Literal	Min 0, max unbounded
skos:broadMatch skos:narrowMatch skos:relatedMatch	The identifier of a broader, narrower or related matching concepts from other concept schemas	Ref	Min 0, max unbounded
skos:exactMatch skos:closeMatch	The identifier of close or exactly matching concepts from other concept schemas	Ref	Min 0, max unbounded
skos:notation	The notation on which the concept is represented. This may not be words in natural language for some knowledge organisation systems e.g. algebra	String (+ rdf:datatype attribute)	Min 0, max unbounded
skos:inScheme	The URI of a concept scheme	ref	Min 0, max unbounded

For further information, all the Europeana Data Model Documentation can be consulted at: <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"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  targetNamespace="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="tmlId" 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: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="romanProvincelTalicRegion" minOccurs="0" maxOccurs="1"
        type="eagle:StringWithUriType"/>
      <xs:element name="ancientFindSpot" minOccurs="0" maxOccurs="1"
        type="eagle:StringWithUriType"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

```

    <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"/>
      <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 maxOccurs="1" minOccurs="0" name="metre" 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 maxOccurs="1" minOccurs="0" name="paleographicCharacteristics"

```

```
type="xs:string">
  <xs:annotation>
    <xs:documentation>Paleographic Characteristics of the inscription</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="letterSize"
  type="eagle:TwoDimensionsType">
  <xs:annotation>
    <xs:documentation>Size of the letter (font)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="inscriptionAuthor" type="xs:string">
  <xs:annotation>
    <xs:documentation>
      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
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="honorand">
  <xs:annotation>
    <xs:documentation>
      The person to whom the inscription was dedicated and the political/social role/position of
the honorand
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:string">
        <xs:attribute name="socialStatus" type="xs:string"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="dedicator" type="xs:string">
  <xs:annotation>
    <xs:documentation>name of the person who devotes the inscription</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="namesMentioned" type="xs:string">
  <xs:annotation>
    <xs:documentation>names of the person(s) mentioned in the
inscription</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="relatedEvent" type="xs:string">
  <xs:annotation>
    <xs:documentation>description about the event related to the purpose of the
inscription</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="placesMentioned" type="xs:string">
  <xs:annotation>
    <xs:documentation>Placenames mentioned in the inscription</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="restorationInfo" type="xs:string">
  <xs:annotation>
    <xs:documentation>information regarding whether the inscription has been restored and
when</xs:documentation>
```

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</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" 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 maxOccurs="1" minOccurs="0" 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 maxOccurs="1" minOccurs="0" 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: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 identifier</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="hasTranscription" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Translation resource identifier</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

<xs:element name="monument">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="hasMonumentVisualRepresentation" 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:sequence>
  </xs:complexType>
</xs:element>
```



```
<xs:element name="refersTrismegistosCard">
  <xs:annotation>
    <xs:documentation>*Recommended* references dnetResourceIdentifier 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="Digitizad 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 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: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>
      <xs:element name="criticalApparatus" minOccurs="0" maxOccurs="unbounded"
        type="xs:string"/>
      <xs:element name="bibliography" minOccurs="0" maxOccurs="unbounded"
        type="eagle:StringWithUriType"/>
    </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>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:choice>
  <xs:element ref="eagle:trismegistosCard">
    <xs:annotation>
      <xs:documentation>Trismegistos card entity</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="eagle:visualRepresentation"/>
  <xs:element ref="eagle:artifact"/>
  <xs:element ref="eagle:documentalManifestation" minOccurs="0" maxOccurs="1"/>
</xs:choice>
</xs:sequence>
</xs:complexType>
<xs:complexType name="DateType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute use="optional" name="notBefore-custom" type="eagle:CustomDateType">
        <xs:annotation>
          <xs:documentation>Defines lower-end for date ranges</xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attribute use="optional" name="notAfter-custom" type="eagle:CustomDateType">
        <xs:annotation>
          <xs:documentation>Defines upper-end for date ranges</xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attribute name="datingMethod" type="xs:anyURI">
        <xs:annotation>
          <xs:documentation>URI of dating method (e.g. to wikipedia)</xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attribute name="evidence" type="xs:string"/>
      <xs:attribute name="period" type="xs:string">
        <xs:annotation>
          <xs:documentation>URI to Eagle wiki dating period</xs:documentation>
        </xs:annotation>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

<xs:simpleType name="CustomDateType">
  <xs:restriction base="xs:string">
    <xs:pattern value="\d{4}-\d{2}-\d{2}$"/>
    <xs:pattern value="\d{4}$"/>
  </xs:restriction>
</xs:simpleType>

<xs:complexType name="TwoDimensionsType">
  <xs:annotation>
    <xs:documentation>Defines a type for two dimensional measures (whenever depth is not taken into
account)</xs:documentation>
  </xs:annotation>
  <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>

<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

```
<rdf:RDF 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:lawd="http://lawd.info/ontology/"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-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:publisher rdf:resource="http://edh-www.adw.uni-
heidelberg.de/edh/foto"></dc:publisher>

<dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <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"></dcterms:references>
</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 rdf:about="http://edh-www.adw.uni-
heidelberg.de/edh/foto/F000001.html">
        <crm:P106i_forms_part_of rdf:resource="http://edh-www.adw.uni-
heidelberg.de/edh/foto"></crm:P106i_forms_part_of>

      </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:E52_Time-Span>
    </crm:P86_falls_within>
    </crm:E52_Time-Span>
    </crm:P4_has_time-span>
    <crm:P14_carried_out_by rdf:resource="http://edh-www.adw.uni-
heidelberg.de/hilfe/liste/fotographen/G.A._DF"></crm:P14_carried_out_by>

    </crm:E65_Creation>
    </crm:P94i_was_created_by>
    <crm:P104_is_subject_to>
    <crm:E30_Right>
    <crm:P2_has_type
rdf:resource="http://www.europeana.eu/rights/rr-f/"></crm:P2_has_type>
    <rdf:label>Rights Reserved - Free Access on Epigraphic
Database
        Heidelberg</rdf:label>
    <crm:P75i_is_posseessed_by rdf:resource="http://edh-
www.adw.uni-
heidelberg.de/hilfe/liste/fotographen/G.A._DF"></crm:P75i_is_posseessed_by>

    </crm:E30_Right>
    </crm:P104_is_subject_to> http://edh-www.adw.uni-
heidelberg.de/fotos/F000001.JPG
    <crm:P138_represents rdf:resource="http://edh-www.adw.uni-
heidelberg.de/edh/inschrift/HD000456/objekt"></crm:P138_represents>
    </crm:E38_Image>

    <crm:E34_Inscription rdf:about="http://edh-www.adw.uni-
heidelberg.de/edh/inschrift/HD000456">

    <crm:P128i_is_carried_by rdf:resource="http://edh-www.adw.uni-
heidelberg.de/edh/inschrift/HD000456/carrier"></crm:P128i_is_carried_by>

    </crm:E34_Inscription>

    <crm:E84_Information_Carrier rdf:about="http://edh-www.adw.uni-
heidelberg.de/edh/inschrift/HD000456/carrier">

    <crm:P108i_was_produced_by>
    <crm:E12_Production>

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

```



```
<crm:P128_carries rdf:resource="http://edh-www.adw.uni-  
heidelberg.de/edh/inschrift/HD000456"></crm:P128_carries>
```

```
<crm:P46i_forms_part_of rdf:about="http://eda-  
bea.es/pub/record_card_1.php?rec=1#object"></crm:P46i_forms_part_of>
```

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

```
<crm:E22_Man-Made_Object rdf:about="http://edh-www.adw.uni-  
heidelberg.de/edh/inschrift/HD000456/objekt">
```

```
<crm:P108i_was_produced_by>  
  <crm:E12_Production>
```

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

```
<crm:P31i_was_modified_by>  
  <crm:E11_Modification>
```

```
</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:P2_has_type>  
    <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:P89_falls_within>  
        <crm:P89_falls_within rdf:resource="http://edh-  
www.adw.uni-heidelberg.de/edh/place/3"></crm:P89_falls_within>
```

```
</crm:E53_Place>  
</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>
```

```
<crm:E31_Document rdf:about="http://edh-www.adw.uni-  
heidelberg.de/edh/foto">
```

```
<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:E31_Document  
rdf:about="http://www.europeana.eu/portal/rights/rr-  
f.html"></crm:E31_Document>  
  </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:P2_has_type>
        <crm:E55_Type>
          <rdf:value>ancientPlaceName</rdf:value>
        </crm:E55_Type>
      </crm:P2_has_type>
    </crm:E44_Place_Appellation>
  </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:P2_has_type>
        <crm:E55_Type>
          <rdf:value>modernPlaceName</rdf:value>
        </crm:E55_Type>
      </crm:P2_has_type>
    </crm:E44_Place_Appellation>
  </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>
```

```
        <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:E21_Person rdf:about="http://edh-www.adw.uni-  
heidelberg.de/hilfe/liste/fotographen/G.A._DF">
```

```
  <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:P71i_is_listed_in>  
</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/1999/02/22-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:publisher rdf:resource="http://eda-bea.es/" />

<dc:licene>http://creativecommons.org/publicdomain/zero/1.0/</dc:licene>
  <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>

  <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>
        <rdf:value>http://eda-
bea.es/pub/record_card_1.php?rec=1</rdf:value>
        <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>
</rdf:RDF>
```

```
</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:P2_has_type>
    <crm:E55_Type>
      <rdf:value>IDENTIFIER/TRISMEGISTOS/TEXT</rdf:value>
    </crm:E55_Type>
  </crm:P2_has_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/lod/69">
    <rdfs:label>Honorifica</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] / Palatarum
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>
    <cite:citesAsSourceDocument rdf:resource="URI to the cited
resource if available"/>
    <dcterms:bibliographicCitation>MAP Granada
1854</dcterms:bibliographicCitation>
  </dcterms:BibliographicResource>
</dcterms:references>

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

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

<dcterms:references>
  <dcterms:BibliographicResource>
    <cite:citesAsSourceDocument rdf:resource="URI to the cited
resource if available"/>
    <dcterms:bibliographicCitation>Le Roux, P., en: M. Christol et
```



```
        alii</dcterms:bibliographicCitation>
    </dcterms:BibliographicResource>
</dcterms:references>

    <crm:P73_has_translation rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation"/>

    <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>

    <crm:E84_Information_Carrier rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#carrier">

        <crm:PEGL_has_metre>
            <crm:E55_Type>
                <rdfs:label>Hexameter</rdfs:label>
            </crm:E55_Type>
        </crm:PEGL_has_metre>

        <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/FIELD_HEIGHT"/>
                </crm:P2_has_type>
                <crm:P90_has_value>24.0</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/FIELD_WIDTH"/>
</crm:P2_has_type>
<crm:P90_has_value>45.0</crm:P90_has_value>
</crm:E54_Dimension>
</crm:P43_has_dimension>

<crm:PEGL_has_paleographic_notes>Letra capital alargada de buena
factura. Inscripción en
  hexámetros.</crm:PEGL_has_paleographic_notes>

<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:P90_has_value>4 - 4.5</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/LETTER_SIZE"/>
    </crm:P2_has_type>
    <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:P108i_was_produced_by>
  <crm:E12_Production>

  <crm:P4_has_time-span>
    <crm:E52_Time-Span>

<crm:P82_at_some_time_within>0363</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: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:E16_Measurement
rdf:about="http://en.wikipedia.org/wiki/Julian_calendar">
</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/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: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:P138i_has_representation
    rdf:resource="http://eda-
bea.es/helper/img_wrapper.php?img=1.png"/>

    <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:P46i_forms_part_of rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object"/>

</crm:E84_Information_Carrier>

<crm:E22_Man-Made_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#object">
```

```
<crm:P138i_has_representation
  rdf:resource="http://eda-
bea.es/helper/img_wrapper.php?img=1.png"/>

<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: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: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>
```

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        <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:PEGL_has_decoration>
  <crm:E55_Type rdf:about="http://www.eagle-
network.eu/voc/decor/lod/164">
    <rdfs:label>Hexágono</rdfs:label>
  </crm:E55_Type>
</crm:PEGL_has_decoration>

<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: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>
```

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<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: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</rdf:value>
        </crm:E55_Type>
      </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: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:E33_Linguistic_Object rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#translation">

    <crm:P3_has_note> Militias nobis et praemia [Caesar iunxit]/ accepi
gemini bis praem[ia
  torquis turmae] / Armigerae primum comes al[terum] / Palatarum
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>
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<rdf:value>es [Spanish]</rdf:value>
</crm:E56_Language>
</crm:P72_has_language>

<crm:P94i_was_created_by>
  <crm:E65_Creation>
    <crm:P14_carried_out_by
      rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#author1"/>
    </crm:E65_Creation>
  </crm:P94i_was_created_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_posessed_by
      rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#author1"/>
    </crm:E30_Right>
  </crm:P104_is_subject_to>

<crm:P16i_was_used_for>
  <crm:E7_Activity>

  <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>
```



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        </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"/>
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <dc:format>text/plain</dc:format>
    <cito:citesAsSourceDocument rdf:resource="URI to the cited resource if
```

```
available"/>
  <dcterms:bibliographicCitation>HEp 14</dcterms:bibliographicCitation>
  <lawd:witness
    rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#witness/siglumSymbol1"/>
  </lawd:CollationItem>

  <lawd:Siglum rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#witness/siglumSymbol1">
  <lawd: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>
  </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>
  <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>

  <lawd:CollationItem rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#apparatus-entry2">
  <cnt:chars>[TERVM EXCVBIARVM]</cnt:chars>
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<lawd:readingType rdf:resource="http://lawd.info/ontology/variant"/>
<rdf:type
rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
<rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
<dc:format>text/plain</dc:format>
<cito:citesAsSourceDocument rdf:resource="URI to the cited resource if
available"/>
<dcterms:bibliographicCitation>P. Le Roux, 1992, p.
272</dcterms:bibliographicCitation>
</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#erasurefragmentsselector1">
<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"/>
<rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
<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 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"/>
  <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
  <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:annotatedAt>2010-11-26T17:59:02</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#addition-entry1">
  <cnt:chars>[comment about the addition]</cnt:chars>
  <lawd:readingType rdf:resource="http://lawd.info/ontology/addition"/>
  <rdf:type
rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
  <dc:format>text/plain</dc:format>
</lawd:CollationItem>

<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#commentaryfragmentsselector1">
      <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>

<lawd:CollationItem rdf:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#commentary-entry1">
  <cnt:chars>[commentary]</cnt:chars>
  <rdf:type
```

```
rdfl:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <rdfl:type rdfl:resource="http://purl.org/dc/dcmitype/Text"/>
  <dc:format>text/plain</dc:format>
</lawd:CollationItem>

<crm:E39_Actor rdfl:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#museum1">
  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation
rdfl:about="www.trismegistos.org/collection/1474">
      <rdfl:value>Museo Arqueológico y Etnológico de
Granada</rdfl:value>
    </crm:E82_Actor_Appellation>
  </crm:P131_is_identified_by>
</crm:E39_Actor>

<crm:E21_Person rdfl:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#author1">
  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation>
      <rdfl:value>Joaquín L. Gómez-Pantoja</rdfl:value>
    </crm:E82_Actor_Appellation>
  </crm:P131_is_identified_by>
</crm:E21_Person>

<crm:E39_Actor rdfl:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#publicationauthor1">
  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation>
      <rdfl:value>[Publication author name]</rdfl:value>
    </crm:E82_Actor_Appellation>
  </crm:P131_is_identified_by>
</crm:E39_Actor>

<crm:E39_Actor rdfl:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#photorightsholder1">
  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation>
      <rdfl:value>Archivo Epigráfico de Hispania</rdfl:value>
    </crm:E82_Actor_Appellation>
  </crm:P131_is_identified_by>
</crm:E39_Actor>

<crm:E39_Actor rdfl:about="http://eda-
bea.es/pub/record_card_1.php?rec=1#photorightsholder2">
  <crm:P131_is_identified_by>
    <crm:E82_Actor_Appellation>
      <rdfl:value>Junta de Andalucía</rdfl: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#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:E38_Image rdf:about="http://eda-  
bea.es/helper/img_wrapper.php?img=1.png">
```

```
  <crm:P1_is_identified_by>  
    <crm:E42_Identifier>  
      <rdf:value>11</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>  
      <rdf:value>http://eda-  
bea.es/helper/img_wrapper.php?img=1.png</rdf:value>  
    <crm:P2_has_type>  
      <crm:E55_Type rdf:value="IDENTIFIER/URI"/>  
    </crm:P2_has_type>  
  </crm:E42_Identifier>  
</crm:P1_is_identified_by>
```

```
  <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</rdf:value>  
    </crm:E55_Type>  
  </crm:P2_has_type>
```

```
  <crm:P2_has_type>  
    <crm:E55_Type>  
      <rdf:value>REPRESENTATION/FORMAT/JPEG</rdf:value>  
    </crm:E55_Type>  
  </crm:P2_has_type>
```

```
<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_posessed_by
rdf:resource="http://eda-
bea.es/pub/record_card_1.php?rec=1#photorightsholder1"/>
        <crm:P75i_is_posessed_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: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>
            <rdf:value>http://eda-bea.es/models/1234</rdf:value>
            <crm:P2_has_type>
                <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
            </crm:P2_has_type>
        </crm:E42_Identifier>
    </crm:P1_is_identified_by>

    <crm:P102_has_title>
        <crm:E35_Title>
            <crm:value>Modelo 3D 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/THREED_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: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: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>
      <rdf:value>http://eda-bea.es/videos/1234</rdf:value>
    <crm:P2_has_type>
      <crm:E55_Type rdf:value="IDENTIFIER/URI"/>
    </crm:P2_has_type>
  </crm:E42_Identifier>
</crm:P1_is_identified_by>
```

```
<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: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: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_DURATION"/>
    </crm:P2_has_type>
    <crm:P90_has_value>800</crm:P90_has_value>
  </crm:E54_Dimension>
</crm:P43_has_dimension>
```

```
        </crm:P2_has_type>
        <crm:P90_has_value>160</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="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>

<crm:E31_Document rdf:about="http://eda-bea.es/">
    <rdfs:label>Hispania Epigraphica Online - HE</rdfs:label>
</crm:E31_Document>

<crm:E55_Type
rdf:about="http://creativecommons.org/publicdomain/zero/1.0/">
    <crm:P127_has_broader_term>
        <crm:E55_Type>
            <rdf:value>Creative Commons Licence URI</rdf:value>
        </crm:E55_Type>
    </crm:P127_has_broader_term>
    <crm:P70i_is_documented_in>
        <crm:E31_Document
rdf:about="http://creativecommons.org/publicdomain/zero/1.0/legalcode"
/>
    </crm:P70i_is_documented_in>
</crm:E55_Type>

<crm:E55_Type rdf:about="http://creativecommons.org/licenses/by-sa/3.0/">
    <crm:P127_has_broader_term>
        <crm:E55_Type>
            <rdf:value>Creative Commons Licence URI</rdf:value>
        </crm:E55_Type>
    </crm:P127_has_broader_term>
    <crm:P70i_is_documented_in>
        <crm:E31_Document
rdf:about="http://creativecommons.org/licenses/by-sa/3.0/legalcode"/>
    </crm:P70i_is_documented_in>
</crm:E55_Type>

<crm:E53_Place rdf:about="http://eda-
```

```
bea.es/pub/record_card_1.php?rec=1#place1">

  <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>

  <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:P2_has_type>
```

```
        <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:P2_has_type>
                <crm:E55_Type>
                    <rdf:value>IDENTIFIER/GEONAMES</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/MODERNPLACE"/>
    </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:P2_has_type>
                <crm:E55_Type>
                    <rdf:value>IDENTIFIER/GEONAMES</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/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:P2_has_type>
      <crm:E55_Type>
        <rdf:value>IDENTIFIER/GEONAMES</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/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:P48_has_preferred_identifier>

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

  </crm:E53_Place>

  <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>
</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:

```
<altIdentifier type="partial">  
  <country></country>  
  <region></region>  
  <settlement></settlement>  
  <repository></repository>  
  <collection></collection>
```

```
<idno></idno>  
</altIdentifier>  
<altIdentifier type="partial">  
  <country></country>  
  <region></region>  
  <settlement></settlement>  
  <repository></repository>  
  <collection></collection>  
<idno></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 *.

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:

```
<div 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>`.

```
<bibl>  
  <ptr target="biblio.xml#jmr1971a"/>  
  <citedRange>3</citedRange>  
</bibl>
```

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

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".