

“Εργαλεία διαχείρισης ψηφιακών πολιτιστικών δεδομένων:
από τη δημιουργία στη δημοσιοποίηση τους”

CARARE 2.0 metadata schema

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Δομή Παρουσίασης

- Γενικές πληροφορίες
- Τα δομικά στοιχεία του σχήματος
- Παράδειγμα περιγραφής
- Παρουσίαση editor
- Πρακτική εφαρμογή



Η αφορμή

Το σχήμα CARARE 2.0 δημιουργήθηκε στο πλαίσιο του ευρωπαϊκού προγράμματος CARARE (2010-2013).

Στόχος του προγράμματος ήταν:

- η διάθεση ψηφιακού περιεχομένου σχετικό με την αρχαιολογική και αρχιτεκτονική κληρονομιά μέσα από την Europeana
- η ενοποίηση περιεχομένου
- η διευκόλυνση της πρόσβασης σε υλικό 3D και εικονικής πραγματικότητας μέσα από την Europeana

Γενικές πληροφορίες

Το CARARE 2.0 είναι ένα σχήμα που διευκολύνει την συγκομιδή μεταδεδομένων από εξειδικευμένα σχήματα του χώρου της αρχαιολογίας και της αρχιτεκτονικής:

- MIDAS heritage
- LIDO
- CIDOC core data standards

Συμβατό με το Europeana Data Model (EDM)

Το Carare schema προσφέρει

- Γνωστές έννοιες που αφορούν:
 - το χρόνο – εκτείνονται από τα προϊστορικά χρόνια μέχρι τα νεότερα
 - το χώρο – ονόματα τοποθεσιών, συντεταγμένες, bounding boxes κτλ.
 - το χαρακτήρα του μνημείου
- Τεκμηρίωση ανάλογα με τον επιστημονικό χώρο σε διεθνή γλώσσα
- Σημασιολογική και συντακτική διαλειτουργικότητα

Οι βασικές οντότητες

- **CARARE** – Το CARARE schema περιλαμβάνει τέσσερις γενικές οντότητες (global wrappers):
 - **Heritage asset** – περιλαμβάνει τα μεταδεδομένα για ένα μνημείο, κτήριο ή πολιτιστικό αντικείμενο συμπεριλαμβανομένου του έντυπου υλικού και του πρωτογενούς ψηφιακού υλικού. Ένα.
 - **Digital resource** – περιλαμβάνει τα μεταδεδομένα για τον ψηφιακό πόρο συμπεριλαμβανομένης της online τοποθεσίας του. Ένα ή περισσότερα.
 - **Activity** – περιλαμβάνει τα μεταδεδομένα για ένα γεγονός ή μία δραστηριότητα. Καμία ή περισσότερες.
 - **Collection information** – περιλαμβάνει την πληροφορία που σχετίζεται με τη συλλογή.
- Τα Heritage assets αποτελούν το βασικό συστατικό στοιχείο του σχήματος και είναι υποχρεωτικά για κάθε εγγραφή. Ακόμη πρέπει να περιέχουν τουλάχιστον ένα Digital resource .

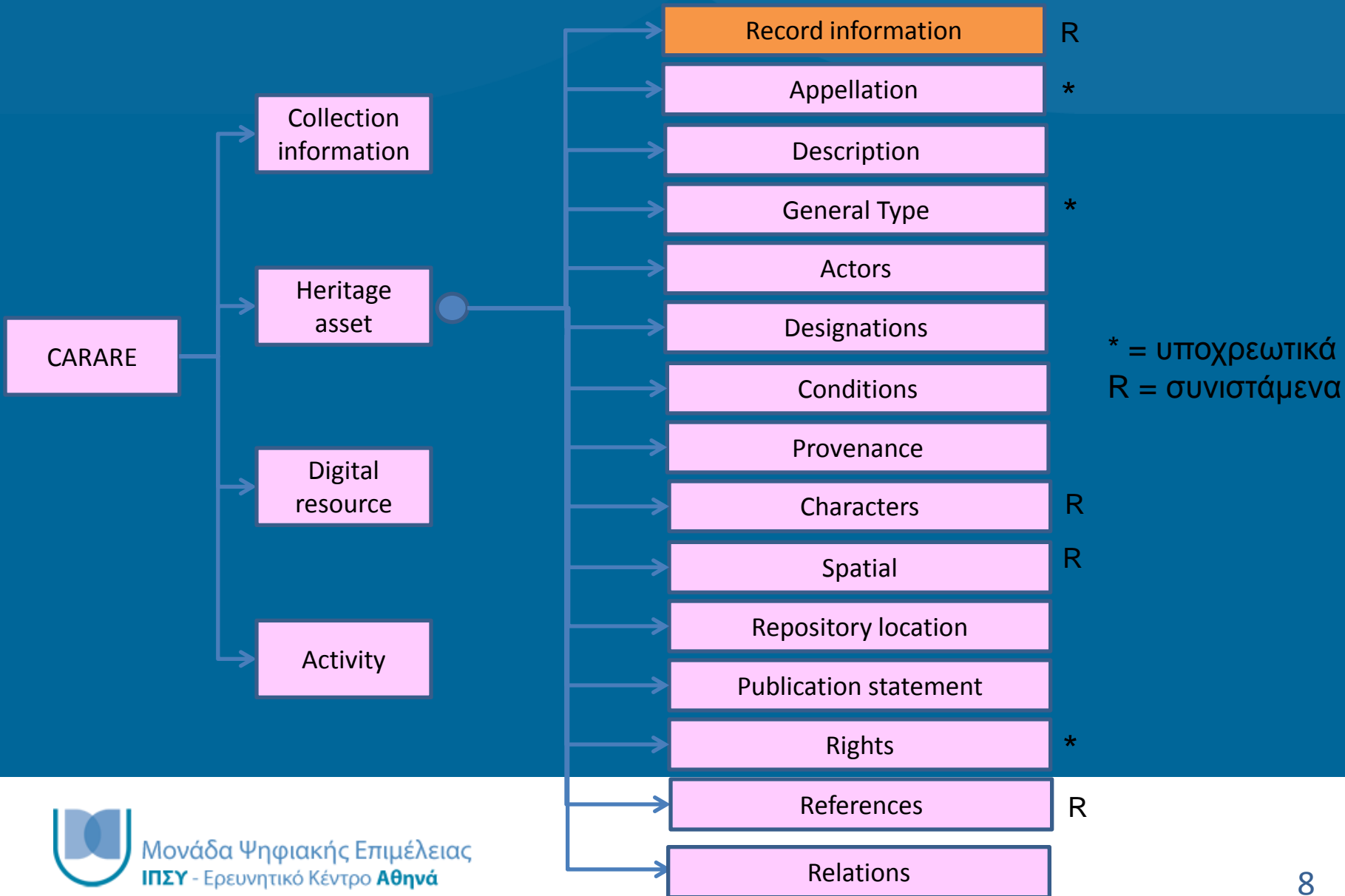
Heritage assets

Το συγκεκριμένο σύνολο περιλαμβάνει πληροφορίες για:

- Αρχαιολογικά μνημεία
- Ιστορικά κτήρια
- Αρχαιολογικά τοπία
- Ναυάγια
- Καλλιτεχνήματα
- Βιβλία και έντυπο υλικό
- Έντυπους χάρτες, ζωγραφιές
- Φωτογραφίες, films
- Τρισδιάστατα μοντέλα



Outline: Heritage assets

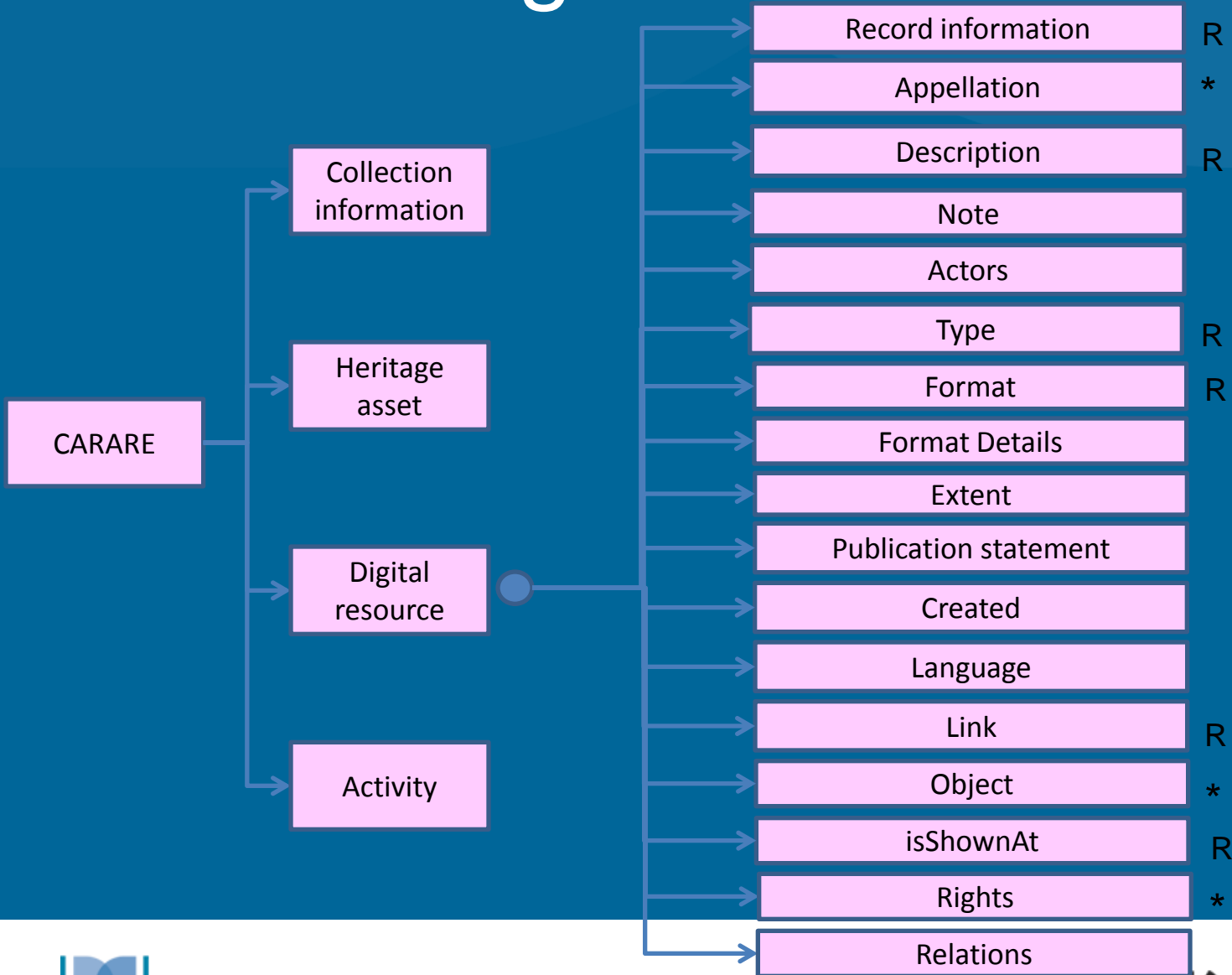


Digital resources

- Το συγκεκριμένο σύνολο περιλαμβάνει πληροφορίες για:
 - Εικόνες, κείμενο, ήχο, ταινίες, τρισδιάστατα μοντέλα
 - Την online θέση τους
- Μπορούν να υπάρχουν πολλά Digital resources συνδεδεμένα με ένα Heritage asset.



Outline: Digital resources



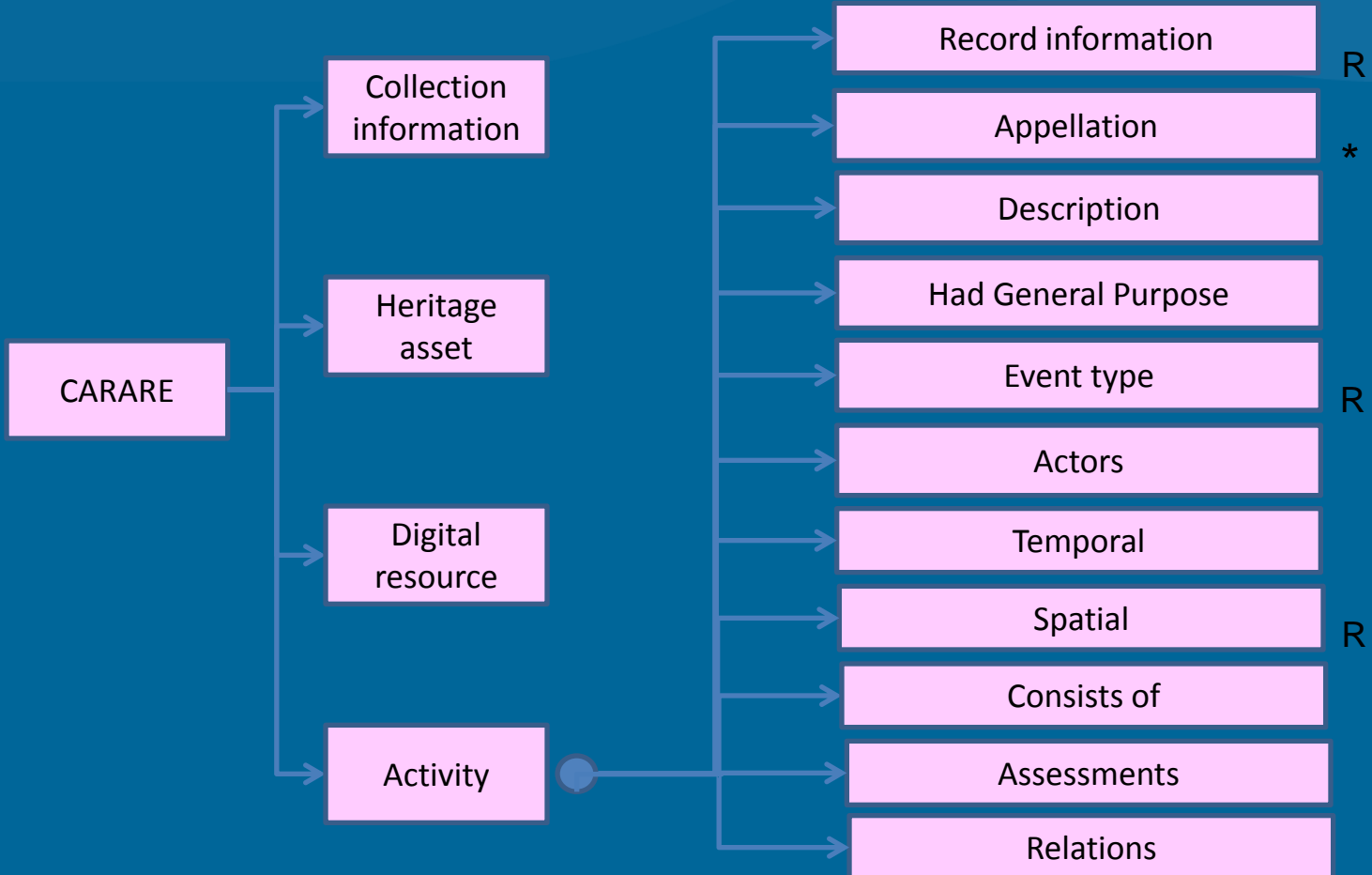
Activities

Το συγκεκριμένο σύνολο περιλαμβάνει πληροφορίες για:

- Επιτόπιες έρευνες, μελέτες, έρευνες και αναλύσεις κτλ.
- Ιστορικά γεγονότα, αλλαγές στη χρήση



Outline: Activities



Το σχήμα αναλυτικά



Παράδειγμα

The old town of Kavala (or the peninsula of Panagia (Virgin Mary)):

The old settlement is located on the peninsula of Panagia. The stone paved streets and the traditional houses are some of the strong characteristics of the area.

The 3D model includes a portion of the Imaret complex of buildings, the house of Mohamed (Mehmet / Muhammad) Ali Pasha (1805 – 1848), founder of the last royal dynasty of Egypt, the church of Panagia (Virgin Mary's Assumption) and a small lighthouse located at the edge of the peninsula.

Μπορεί να περιλαμβάνει:

- Πραγματικά αντικείμενα – Kavala old town and the historic buildings within
- Τρισδιάστατο μοντέλο της πόλης – of the town and details within



Church of Virgin Mary, the old town of Kavala

Heritage asset

- Record information
- **Appellation**
- Description
- Actors
- Designations
- Conditions
- Provenance
- Characters
- Spatial
- Repository location
- Publication statement
- Rights
- References
- Relations

Mandatory

- **Appellation ID** – an identifier for the object. This element is mandatory and the ID must be unique amongst all your heritage assets.
- **Appellation Name** – this is the name of the object. You can repeat the element if the object has more than one name (for example in alternate languages). Use the XML:lang attribute to indicate the language; the preferred/alternate attribute may be used to indicate which name is preferred.

Example:

3D model of Kavala Old town
HA1235/25

- The ID identifies the heritage asset
- Holds the title or the name of the heritage asset.

Heritage asset

- Record information
- Appellation
- **Description**
- Actors
- Designations
- Conditions
- Provenance
- Characters
- Spatial
- Repository location
- Publication statement
- Rights
- References
- Relations

Optional

Information about this element:

This is a free-text description of the features of the heritage asset suitable for general users. It should include a description of the subject of the 3d model (e.g. the archaeological monument) and may also include a brief description of the technical aspects of the model.

Example:

The 3D model includes a portion of the old town of Kavala (or the peninsula of Panagia (Virgin Mary)). It includes the Imaret complex of buildings, the house of Mohamed (Mehmet / Muhammad) Ali Pasha (1805 – 1848), founder of the last royal dynasty of Egypt, the church of Panagia (Virgin Mary's Assumption) and a small lighthouse located at the edge of the peninsula.

Heritage asset

- Record information
 - Appellation
 - Description
 - **Actors**
 - Designations
 - Conditions
 - Provenance
 - Characters
 - Spatial
 - Repository location
 - Publication statement
 - Rights
 - References
 - Relations
- Optional**

Information about this element:

The actors involved with this heritage asset. This can include the name of the person or organization who created the 3D model and/or historical figures referenced in the model

Example:

Centre for Educational Technology

-This is a global type within the schema comprising of a group of elements including id, name, actor type, roles, contacts, vital dates, place of birth, place of death, place of activity, bibliographical note

- **Name** – the name of the person or organization
- Actor type** – indicate whether it is a person or organization
- Roles** – for example, creator, photographer

Heritage asset

- Record information
 - Appellation
 - Description
 - Actors
 - **Designations**
 - Conditions
 - Provenance
 - Characters
 - Spatial
 - Repository location
 - Publication statement
 - Rights
 - References
 - Relations
- Optional**

Information about this element:

This is information about any designations for a monument or building which provide it with protection in law.

Example:

- Scheduled ancient monument
- Grade n/a
- From 01/04/1935

This building is considered to be a designated monument according to Greek Law, that stipulates that all monuments, movable or not, with a construction date prior to AD 1830 are afforded full protection from destruction or alteration of any kind.

Heritage asset

- Record information
 - Appellation
 - Description
 - Actors
 - Designations
 - **Conditions**
 - Provenance
 - Characters
 - Spatial
 - Repository location
 - Publication statement
 - Rights
 - References
 - Relations
- Optional**

Information about this element:

This is information about the condition of a monument or building.

Example:

Condition - Good

Assessment date - 2012

Condition assessment - The Immaret in Kavala Old Town: Observed condition – good, mostly well preserved / Condition assessment: the building has been restored and is currently in use as a hotel / Condition date: 2012.

-This element may be less relevant for 3D ICONS



Heritage asset

- Record information
 - Appellation
 - Description
 - Actors
 - Designations
 - Conditions
 - **Provenance**
 - Characters
 - Spatial
 - Repository location
 - Publication statement
 - Rights
 - References
 - Relations
- Optional**

Information about this element:

A free-text statement of any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity, and interpretation.

Example:

This 3D reconstruction was implemented by CETI within the frame of a low budget project to explore the use of open source software such as Panorama, Blender, Hugin and Gimp.

-Use this element to give a short explanation about why the model was created



Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- **Characters**
 - **Heritage asset type**
 - Temporal
 - Materials
 - Inscriptions
 - Dimensions
 - Craft

Information about this recommended element:

This is the subject classification of the heritage asset and is primarily intended to support subject searches by general users. Include subject terms which describe the function or use of the real world object that has been modeled (e.g. house). Use of a controlled vocabulary is recommended, and the vocabulary used may be indicated using an attribute.

- Term
- Namespace – this is the name/location of the controlled vocabulary from which the term is taken.

Example:

Town; Church; Light house

Recommended

Heritage asset

- Record information
- Appellation
- Description
- **General type**
- Actors
- Designations
- Conditions
- Provenance
- Characters
 - **Heritage asset type**
 - Temporal
 - Materials
 - Inscriptions
 - Dimensions
 - Craft

Mandatory

Information about this mandatory element:

This is a broad classification of the general type of heritage asset and is primarily intended to enable monuments and buildings to be distinguished from artefacts, reference or archive materials and 3D models. A fixed controlled vocabulary is recommended for use.

Example:

- Monument
- Artefact
- Text
- Image
- Movie
- 3D

“Monument” includes archaeological monuments, historic buildings, industrial monuments, archaeological landscape areas, shipwreck



Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- **Characters**
 - Heritage asset type
 - **Temporal**
 - Materials
 - Inscriptions
 - Dimensions
 - Craft

Information about this recommended element:

Information about the date and/or period of an entity. This can include the date when the 3D model was created as well as the period coverage of the content.

Example:

Time span: Start date 1805 End date 1846
Period name: Byzantine

-This is a global type within the schema comprising of a group of elements including time span (start and end date and a date range qualifier), period name, display date, scientific date and scientific date method.
-- Date elements are specified as literals, free text, but it is good practice to follow a standard convention when writing dates.

Recommended

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- **Characters**
 - **Heritage asset type**
 - Temporal
 - **Materials**
 - **Inscriptions**
 - **Dimensions**
 - Craft

Optional

Information about these elements:

- **Materials** – the basic materials of which a heritage asset is composed, e.g. brick, stone, tile, paper etc. Use of a controlled vocabulary is recommended
- **Inscriptions** – text inscribed on a monument or building, if any. The element may be repeated using the XML:lang attribute if the element value is available in alternate languages..
- **Dimensions**
 - **Extent** – this is to note the part of the heritage asset being measured, e.g. Base.
 - **Measurement type** – e.g. height, length, width, depth, shape (e.g. oval)
 - **Units** – e.g. metres, centimetres
 - **Scale**
 - **Value** - e.g. 150. The value type attribute allows the accuracy of the measurement to be indicated (exact, approximate)

-These elements may be less relevant for 3D
ICONS

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- **Characters**
 - Heritage asset type
 - Temporal
 - Materials
 - Inscriptions
 - Dimensions
 - **Craft**

Information about this group of elements:

- **Craft**– this is a set of information to describe shipwrecks if any
 - Place of registration – the name of the place where the ship was registered
 - Nationality – of the ship
 - Construction method – the method by which the ship was constructed, e.g. clinker,
 - Propulsion – the means of propulsion of the ship, e.g. steam, sail etc.
 - Last journey details – Details about the last journey of the ship
 - Departure – Port of departure
 - Destination – Port of destination
 - Cargo – the cargo the ship was carrying, may be repeated.
 - Manner of loss – a description of how the ship was lost, e.g. ‘ran aground’.
 - Date of loss – the date when the ship was lost..

Optional

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- Characters
- **Spatial**

- **Location set**
- Geometry
- Representations
- Spatial Reference System

Recommended

Information about this recommended element:

This is information about the place at which the heritage asset is located, included named places, postal address, the map coordinates and geometry of the heritage asset.

- Location set consists of:

- **Named location** – the name of the place where the monument is located, for example ‘Kavala’. The element may be repeated using the XML lang attribute to provide the name in alternate languages. Use of a controlled vocabulary such as Geonames is recommended, indicate the name of the vocabulary using an attribute
- **Address** – the postal address of the monument
- **Geopolitical area** – for example Greece
- **Cadastral reference**
- **Historical name**

-This is a global type within the schema comprising of four groups of elements covering different aspects of place information.



Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- Characters
- **Spatial**
 - Location set
 - **Geometry**
 - Representations
 - Spatial Reference System

Recommended

Information about this recommended element:

This is information used to locate an object on a map.

Geometry set consists of:

- **Spatial reference system** –Mandatory where coordinates are provided
- **Quickpoint** – X, Y and Z coordinates
- Bounding box
- Other geometries (point, line, polygon)
- Entity: GML, WKT
- Stored precision
- Area
- Representations – how a feature is represented on a map

-Coordinates need to be provided in the WGS84 system for inclusion in Europeana.

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- Characters
- **Spatial**
 - Location set
 - Geometry
 - Representations
 - **Spatial Reference System**

Information about this element:

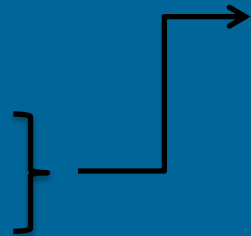
Added for 3D ICONS.

- **Spatial Reference System** - use for the local coordinates within a 3D model,
 - **Cartesian coordinate system** (this is the local coordinate system in use within the particular software)
 - **Viewpoints** – a viewpoint within the 3D model, i.e. where the camera is positioned in the digitization process
 - X
 - Y
 - Z

Optional

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- Characters
- Spatial
- **Repository location**
- **Publication statement**
- Rights
- References
- Relations




Information about these elements:

- **Repository location** – identification of the institution with custody of the artefact and possibly the current location.
- **Publication statement**
 - Publisher
 - Place – of publication
 - Date – of publication

Optional

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- Characters
- Spatial
- Repository location
- Publication statement
- **Rights**
- References
- Relations

- 
- **Information about this element:**
 - **Rights** (source = DC) – a statement of any rights associated with the heritage asset.
 - Copyright credit line
 - Access rights
 - Reproduction rights
 - Licence
 - Europeana Rights

Mandatory

Heritage asset

- Record information
- Appellation
- Description
- General type
- Actors
- Designations
- Conditions
- Provenance
- Characters
- Spatial
- Repository location
- Publication statement
- Rights
- **References**
- Relations

Information about this element:

References – these are sources of information about the heritage asset in publications and archival sources (for example, bibliographic references etc.).

Optional

Heritage asset: Relations

Has Representation –between a **heritage asset** and a **digital resource** in which it is represented. Give the id number of the target record or a URI.

Is Successor Of –between a **heritage asset** and an **earlier one**, e.g. a church is successor of an earlier church on the same site. Give the id number of the target record or a URI.

Was Present At –between a **heritage asset** and an **Activity** that it was present at, e.g. a cross was present at a digitization event. Give the id number of the target record or a URI.

Has Part –for **heritage assets** that incorporate **other assets**, e.g. 3D model has parts (is made up of) detail models. Give the id number of the target record or a URI.

Is Part Of –between a **heritage asset** and the **larger heritage asset** of which it is part, e.g. a gatehouse is part of a fortification. Give the id number of the target record or a URI.

Is Replica Of –between a **replica** and **the original heritage asset**, for example a 3D reconstruction and the original building. Give the id number of the target record or a URI.

Was Digitized By –between a **Heritage Asset** and an **Activity** in which it was digitized. (a specialization of Was Present At added for 3D ICONS). Give the id number of the target record or a URI.

DC:Relation – this is for general relations from the Heritage Asset. Give the id number of the target record or a URI.

Digital resource

These are digital resources (image, text, video, audio, 3D model) that are being made accessible to the service environment (e.g. CARARE, Europeana). Use this to describe those digital objects which are available online for end-users.

- **Record information**
- **Appellation**
- **Description**
- Note
- Actors
- Type
- Format
- Format details
- Extent
- Publication Statement
- Created

Information about this mandatory element:

Appellation ID: As with the Heritage asset, it is mandatory to provide a unique identifier for each digital resource in your collection.

Appellation name: is the name given to the object

Information about this recommended element:

Include a brief description of this digital resource, for example it may be a specific version of the 3D model (language, format, etc).

Mandatory/ Recommended

Digital resource

- Record information
- Appellation
- Description
- Note
- Actors
- **Type**
- Format
- Format details
- Extent
- Publication Statement
- Created

Information about this recommended element:
The nature or genre of the resource. Use of the DCMI controlled vocabulary is recommended, and the vocabulary used may be indicated using an attribute.

Example:
Still Image
3D

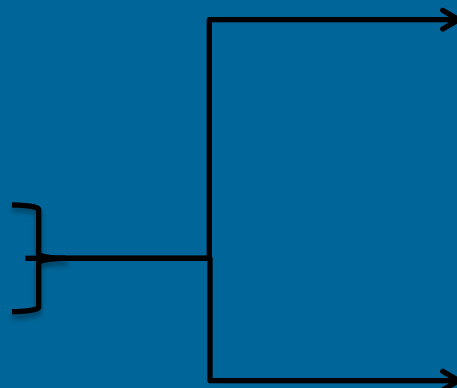
-It is important to note the type as 3D when providing 3D models to Europeana.

Recommended



Digital resource

- Record information
- Appellation
- Description
- Note
- Actors
- Type
- **Format**
- **Format details**
- Extent
- Publication Statement
- Created



Information about these elements:
Format (source = DCMI Terms) – the file format of the resource. Recommended best practice is to use a controlled vocabulary such as the list of Internet Media Types (MIME).
Format Details (source = DCMI Terms) – Additional information about the file or its production that could be of use in selecting an appropriate viewer for the resource, such as specific codecs used.

Example:
JPEG

-It is important to note the format as 3D-PDF when providing 3D PDFs to Europeana.

Recommended/ Optional

Digital resource

- Record information
- Appellation
- Description
- Note
- Actors
- Type
- Format
- Format details
- **Extent**
- Publication Statement
- Created

Information about this element:

The size or extent of the resource, including the unit of measurement.

Example:

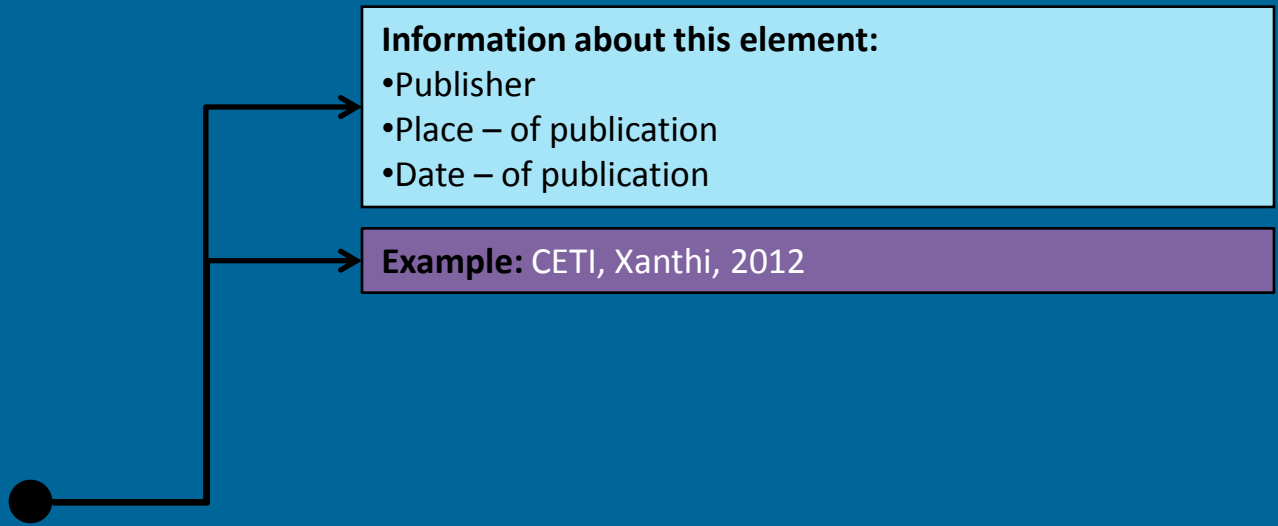
360 Kbytes

-It is useful to offer users information about the size of the model they may be about to open

Optional

Digital resource

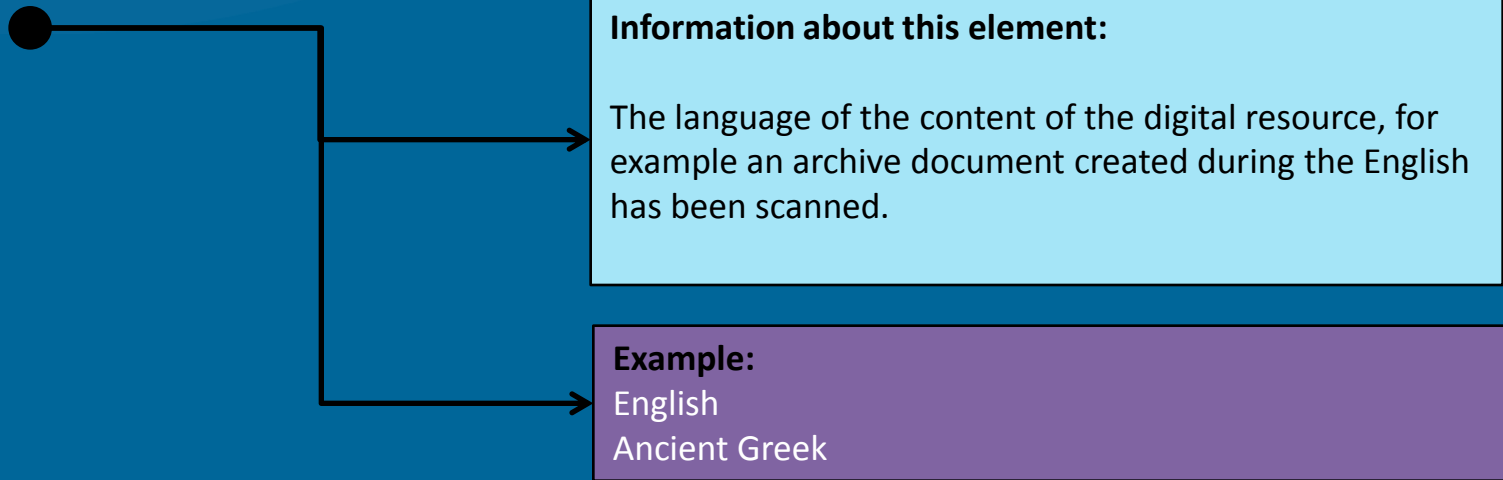
- Record information
- Appellation
- Description
- Note
- Actors
- Type
- Format
- Format details
- Extent
- **Publication Statement**
- Created



Optional

Digital resource

- Language
- Link
- Object
- isShownAt
- Rights
- Relations



-The language of the metadata record is provided in the 'record information'

Optional

Digital resource

- Language
- **Link**
- Object
- isShownAt
- Rights
- Relations

Information about this element:

The URL of the resource. A reference to the digital object on the content provider's web site in the best available resolution/quality (i.e. a link to the resource as a text, image, sound, or video file, **not** to the webpage that contains it). The data given here will allow the automatic generation of a thumbnail by Europeana for its functionality.

Example:

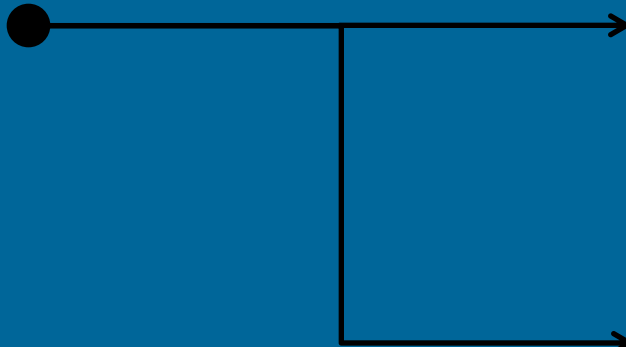
<http://en.wikipedia.org/wiki/File:Perchora-6.jpg>

Recommended (if isShownAt exists, else mandatory)



Digital resource

- Language
- Link
- **Object**
- isShownAt
- Rights
- Relations



Information about this element:

URL of a thumbnail or preview of the digital resource
The data given here will allow the automatic generation of a thumbnail by Europeana for its functionality.

Example:

http://ambrosia.ascsa.edu.gr:8991/F/V4TPJQGL765NCCU TQTF9AHLGA7RGM4HQQXIGP24L53KJXDLN3A-51061?func=find-acc&acc_sequence=001244120

Mandatory



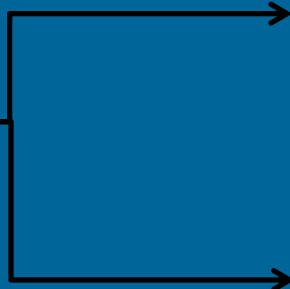
Μονάδα Ψηφιακής Επιμέλειας
ΙΠΣΥ - Ερευνητικό Κέντρο Αθηνά



Church of Virgin Mary, the old town of Kavala
στις Ανθρωπιστικές Επιστήμες

Digital resource

- Language
- Link
- Object
- **isShownAt**
- Rights
- Relations



Information about this element:

A URL to the digital object on the content provider's website in its full information context (i.e. a link to the webpage that contains the digital object and contextual information).

Example:

http://ambrosia.ascsa.edu.gr:8991/F/V4TPJQGL765NCCU TQTF9AHLGA7RGM4HQXIGP24L53KJXDLN3A-51061?func=find-acc&acc_sequence=001244120

Recommended (if link exists, else mandatory)

Digital resource: Relations

Is Representation Of –between a **digital resource** and the **heritage asset** that it represents, e.g. a digital image is a representation of a monument.

Has Part –between a **digital resource** and **other digital resources** it contains, e.g. a 3D model may be contain some text documents and sound files. There is no ordered sequence between the parts.

Is Part of –between a **digital resource** and the **digital resources of which it forms part**, e.g. an image is part of a book. There is no ordered sequence between the parts.

Next In Sequence – between a **digital resource** and the **next digital resource** in the sequence, e.g. the pages in a book or an ordered sequence of 3D models showing the change of a monument over time.

Is Previous in Sequence –between a **digital resource** and the **previous digital resource** in the sequence,

Is Derivative Of – this is the relation between a **Digital Resource** and the **digital resource which it is a derivative** (or version) of.

Has Derivative – this is the relation between a **Digital Resource** and a **derivative** (or version) of the resource.

Created Derivative – this is the relation which defines the reuse of a Digital Resource to create derivatives, e.g. during the different processing phases of digitization. It is a specialisation of Is Derivative Of.

DC:Relation – this is for general relations from the Digital Resource.

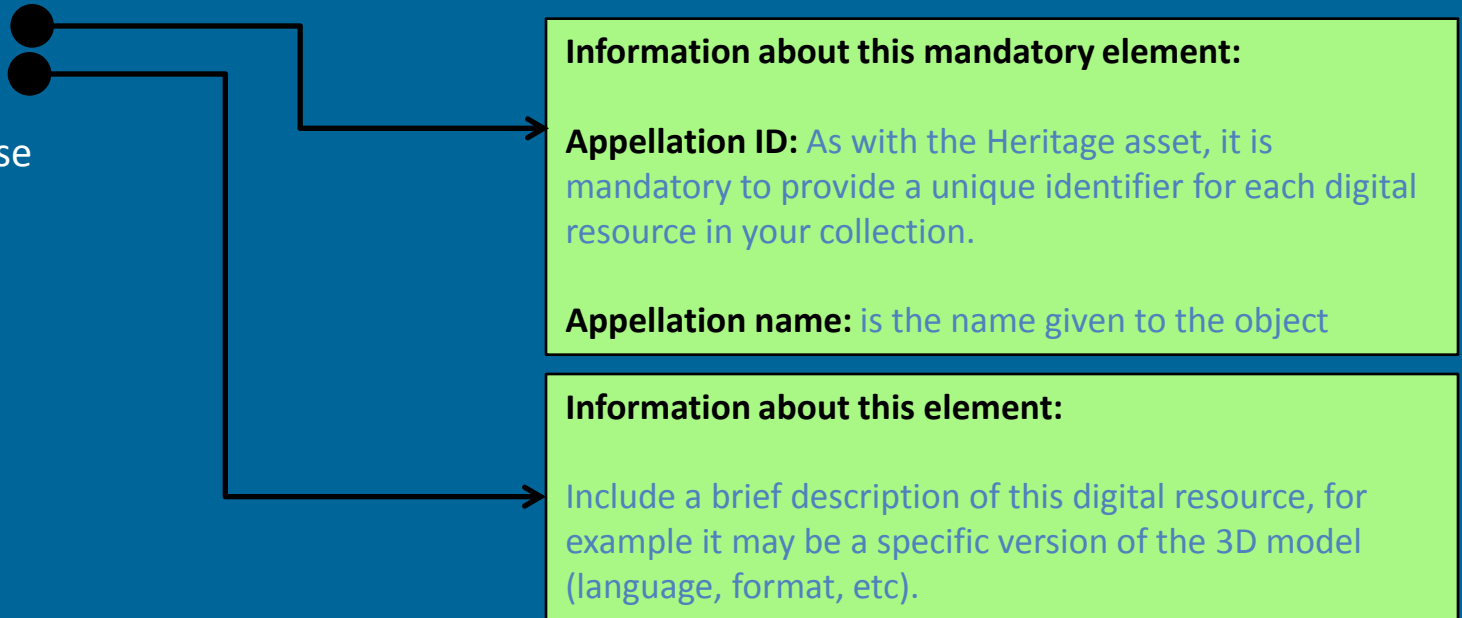
Give the id number of the target record or a URI.



Activity

Events or activities that the monument has taken part in, such as: Creation, Field investigation; Research and analysis; Historical events, etc. For each event, information, if relevant, about:

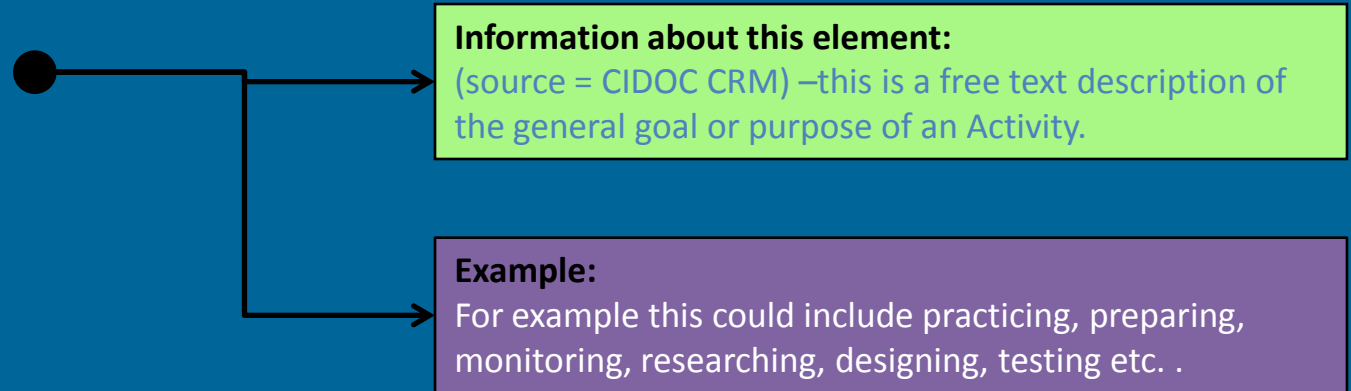
- Record information
- **Appellation**
- **Description**
- Had General Purpose
- Event type
- Actors
- Temporal
- Spatial
- Consists of
- Assessments
- Relations



Mandatory / Optional

Activity

- Record information
- Appellation
- Description
- **Had General Purpose**
- Event type
- Actors
- Temporal
- Spatial
- Consists of
- Assessments
- Relations



Optional

Activity

- Record information
- Appellation
- Description
- Had General Purpose
- **Event type**
- Actors
- Temporal
- Spatial
- Consists of
- Assessments
- Relations

Information about this element:

Classification of the type of event or activity which took place, e.g. survey, archaeological excavation, rebuilding. Use of a controlled vocabulary is recommended.

Example:

Archaeological Excavation.

Recommended

Activity

- Record information
- Appellation
- Description
- Had General Purpose
- **Event type**
- Actors
- Temporal
- Spatial
- Consists of
- Assessments
- Relations

Information about these elements:

Actors (source = MIDAS) (global) – the people or organisations involved in this event, may be repeated.

Temporal (source = MIDAS) (Global) – the date or time span of the event.

Spatial (source = MIDAS) (Global) – the location or area covered by the event.

-This is for the event as a whole, if this was a lengthy campaign lasting several months you can give the start and end date. Use consists of for details of specific activities.

Optional

Activity

- Record information
- Appellation
- Description
- Had General Purpose
- **Event type**
- Actors
- Temporal
- Spatial
- **Consists of**
 - Had Specific Purpose
 - Start date
 - End date
 - Methods
 - Techniques
 - Materials
 - Equipment

Information about this element:

(source = CRM-DIG) this is a repeating group of elements which allows the specific activity (or activities) that took place during the overall Event to be described.

Had Specific Purpose (source = CIDOC CRM) - a free text note describing the specific goal or purpose of this activity.

Start date – the start date of the specific activity

End date – the end date of the specific activity

Example:

carrying out 3D data acquisition, restoration of a part of a building, completing a survey, constructing a building, etc

Optional



Activity

- Record information
- Appellation
- Description
- Had General Purpose
- **Event type**
- Actors
- Temporal
- Spatial
- **Consists of**
 - Had Specific Purpose
 - Start date
 - End date
 - Methods
 - Techniques
 - Materials
 - Equipment

Information about this element:

Methods – the methods used in this specific activity, e.g. open area excavation, sample survey, augering, boring, stratigraphic, restoration, conservation, re-pointing, photogrammetric survey etc. Use of a controlled vocabulary is recommended.

Techniques – the techniques used in this specific activity. Use of a controlled vocabulary is recommended.

Materials (source = LIDO) – the materials used during the event method. Use of a controlled vocabulary is recommended.

Equipment – the equipment used during the event method.

Example:

photogrammetric survey

Optional

Activity

- Record information
- Appellation
- Description
- Had General Purpose
- Event type
- Actors
- Temporal
- Spatial
- Consists of
- **Assessments**
- Relations

Information about this element:

Assessments made of the monument during the event, e.g. of the condition of the monument.

Use of a controlled vocabulary is recommended.

- Term
- Namespace – this is the name/location of the controlled vocabulary from which the term is taken.

Example:

Demolished

Optional

Activity: Relations

Occurred At – can be used to associate an **Activity** to the **time span** that overlaps with the occurrence of that activity.

Happened At – can be used to relate an **event** to the **place** where it happened.

Was Present At – can be used to relate an **Activity** to the **Actors** who were present.

Has Part – this is the relation to **an Activity** and **shorter Activity** which forms part of the overall event, e.g. a war consists of a series of battles, a landscape survey consists of a series of geophysical surveys and sample excavations.

Is Part of – this is the relation between an **Activity** and **the general activity** of which it forms a part of, e.g. a battle is part of a war.

Has Created (source = CRD Dig) this is the relation between an **Activity** and a **digital resource** or digital file that it created; includes raw data files, processed data files and final models published online

DC:Relation – this is for general relations from the Activity, e.g. to publications.

Give the id number of the target record or a URI.

Record information

Basic administrative information about the record:

- **ID**
- Source
- Country
- Creation
 - Date
 - Actor
- Update
 - Date
 - Actor
- Language
- Metadata Rights

Information about this element:

i.e. the local ID number in the content providers' information system; it is mandatory to provide an ID which must be unique within the collection; but the id may follow any schema

Example:

CETI-19578bb

Mandatory



Record information

- ID
- Source
- Country
- **Creation**
 - Date
 - Actor
- Update
 - Date
 - Actor
- Language
- Metadata Rights

Information about this element:
When created and who by.

Example:
01/10/2012
Anestis Koutsoudis
CETI

Recommended

Record information

- ID
- Source
- Country
- Creation
 - Date
 - Actor
- Update
 - Date
 - Actor
- **Language**
- Metadata Rights

Information about this element:

The language of the metadata record.

Any rights associated with the metadata record

Example:

Greek

Recommended

Metadata Editor

- Διευκόλυνση δημιουργίας μεταδεδομένων.
- Βασισμένο στο σχήμα CARARE 2.0
- Σχεδιασμένο με βάση τις κύριες ομάδες πληροφορίας του συστήματος
 - ✓ Heritage Asset
 - ✓ Organization
 - ✓ Collection
 - ✓ Actor
 - ✓ Activity
 - ✓ Spatial data
 - ✓ Digital Resources



Σύνδεση

Οθόνη εισόδου

3D ICONS

Home Login Register


Login

Username

Password

Submit

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cip competitiveness and innovation
framework programme
2007-2013

Αρχική σελίδα

The screenshot shows the 3D ICONS web application interface. At the top left is the logo '3D ICONS'. The navigation menu includes 'Home', 'Classes', 'Publication Console', 'Settings', and 'Logout'. A welcome message 'Welcome admin' is displayed. The main content area is divided into two columns. The left column contains seven boxes, each with a title and an 'Add Instance' button: Organization, Collection, Actor, Activity, Spatial, Digital Resources, and Digital Resources from existing. The right column contains two boxes: 'CARARE object' (with a description 'Here you can create a new CARARE object' and an 'Add Instance' button) and 'CARARE object from existing' (with a description 'Here you can create a new CARARE object based on the existing ones' and an 'Add Instance' button').

- ✓ 1. Προσθήκη οργανισμών
- ✓ 2. Προσθήκη συλλογών
- ✓ 3. Προσθήκη εμπλεκόμενων ατόμων
- ✓ 4. Προσθήκη εμπλεκόμενων δραστηριοτήτων
- ✓ 5. Προσθήκη χωρικής πληροφορίας
- ✓ 6. Προσθήκη Digital Resources

Προσθήκη αντικειμένων CARARE

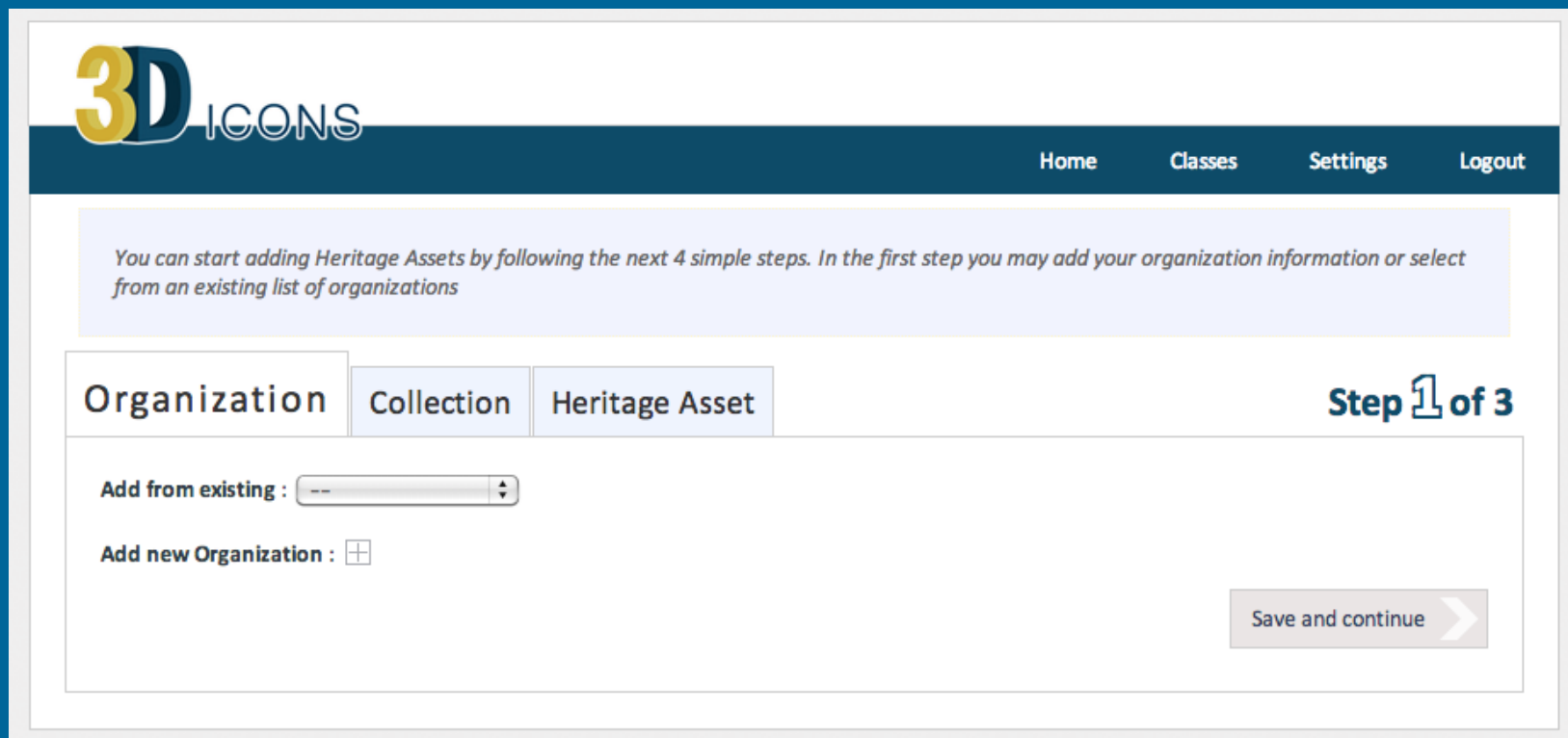
The screenshot displays the 3D ICONS administration dashboard. At the top, there is a navigation bar with links for Home, Classes, Publication Console, Settings, and Logout. Below the navigation bar, a welcome message reads "Welcome admin". The main content area is divided into two columns. The left column contains several categories, each with an "Add Instance" button: Organization, Collection, Actor, Activity, Spatial, Digital Resources, and Digital Resources from existing. The right column contains two sections: "CARARE object" and "CARARE object from existing". The "CARARE object" section includes the text "Here you can create a new CARARE object" and an "Add Instance" button. The "CARARE object from existing" section includes the text "Here you can create a new CARARE object based on the existing ones" and an "Add Instance" button.

- Επιλογή “Add instance” στο CARARE object

Προσθήκη αντικειμένων CARARE #1

Organization

1. Επιλογή υπάρχοντος οργανισμού ή προσθήκη νέου
2. Μεταφορά στο επόμενο βήμα με την επιλογή “Save and continue”



The screenshot shows the 3D ICONS web application interface. At the top left is the logo "3D ICONS". A dark blue navigation bar contains the links "Home", "Classes", "Settings", and "Logout". Below the navigation bar is a light blue informational box with the text: "You can start adding Heritage Assets by following the next 4 simple steps. In the first step you may add your organization information or select from an existing list of organizations". Below this is a tabbed interface with three tabs: "Organization" (selected), "Collection", and "Heritage Asset". To the right of the tabs is the text "Step 1 of 3". The main content area contains two options: "Add from existing : --" with a dropdown arrow, and "Add new Organization : +" with a plus icon. At the bottom right of the form is a "Save and continue" button with a right-pointing arrow.

Προσθήκη αντικειμένων CARARE #2

Collection

1. Επιλογή υπάρχουσας συλλογής ή προσθήκη νέας
2. Μεταφορά στο επόμενο βήμα με την επιλογή “Save and continue”

The screenshot displays the '3D ICONS' web application interface. At the top, there is a navigation bar with links for 'Home', 'Classes', 'Settings', and 'Logout'. Below the navigation bar, a light blue box contains the text 'Add Collection information'. The main content area features three tabs: 'Organization', 'Collection', and 'Heritage Asset', with 'Collection' being the active tab. To the right of these tabs, it says 'Step 2 of 3'. Under the 'Collection' tab, there are two options: 'Add from existing : --' with a dropdown arrow, and 'Add new Collection : +' with a plus icon. A 'Save and continue' button with a right-pointing arrow is located at the bottom right of the form area.

Προσθήκη αντικειμένων CARARE #3

Heritage Asset

The screenshot shows the 'Add Heritage Asset Information' form in the 3D ICONS application. The form is titled 'Step 3 of 3' and is divided into three main sections: 'Heritage Asset', 'Digital Resources', and 'Activities'. The 'Heritage Asset' section is currently active and contains the following fields:

- *Source: FBK - Fondazione Bruno Kessler (lang: English)
- *Country: Italy (lang: English)
- *Language: (lang: English)
- *Metadata Rights: -
- *Creation Date: 2013-10-31
- Update Date: (empty)

A sidebar on the left lists various information categories: Heritage Asset, *Record Information, Designations, Conditions, *Characters, Publication Statement, **Rights, References, and Relations. At the bottom right, there are two buttons: 'Save' and 'Go back to organization'.

1. Μετά την επιλογή συλλογής υπάρχει η οθόνη με τις πληροφορίες του ΗΑ. Τα πεδία της καρτέλας Record Information κληρονομούνται από τον οργανισμό που έχει επιλεγεί. Η συλλογή έχει ήδη συνδεθεί με το αντικείμενο.
2. Ακολουθεί ή συμπλήρωση των στοιχείων.
3. Τα πεδία είναι δομημένα σε καρτέλες (στα αριστερά).
4. Επιλογή του "Save" για αποθήκευση.
5. Σε κάθε βήμα υπάρχει η δυνατότητα επιστροφής στο προηγούμενο.

Προσθήκη αντικειμένων CARARE #3

Digital Resources

Add Heritage Asset information

Organization Collection Heritage Asset **Step 3 of 3**

Heritage Asset Digital Resources Activities

Add new Digital Resource :

Add from existing :

1. Η σύνδεση του Digital Resource με το HA γίνεται με την επιλογή + (συν) στην καρτέλα “Digital Resources” και τη προσθήκη νέου, ή επιλέγοντας από ήδη υπάρχοντα.
2. Οι πληροφορίες για το νέο Digital Resource ανοίγουν σε ρομπρ παράθυρο και τα πεδία του Record information κληρονομούνται.
3. Τα Digital Resource που προστίθενται εμφανίζονται σε λίστα με δυνατότητα διαγραφής.

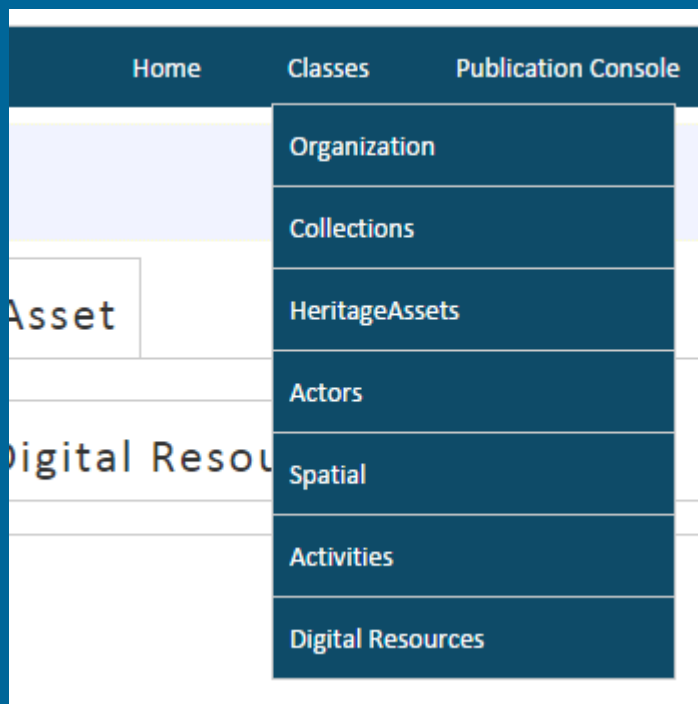
Προσθήκη αντικειμένων CARARE #3

Activities

1. Η σύνδεση με Activities γίνεται από τη καρτέλα “Activities”, με την επιλογή + (συν) σε ήδη αποθηκευμένα αντικειμένων της κλάσης αυτής.
2. Μετά τη προσθήκη τους οι Activities εμφανίζονται σε λίστα στο κάτω μέρος από όπου μπορούν να αφαιρεθούν με την επιλογή του – (μείον) δίπλα από κάθε μια.

The screenshot displays a web interface for managing digital resources. At the top, there are three tabs: 'Organization', 'Collection', and 'Heritage Asset', with 'Heritage Asset' being the active tab. In the top right corner, it indicates 'Step 3 of 3'. Below the tabs, there is a sub-interface with three tabs: 'Heritage Asset', 'Digital Resources', and 'Activities', with 'Activities' being the active tab. Under the 'Activities' tab, there is a section labeled 'Add from existing:' followed by a dropdown menu showing a minus sign (-) and a plus sign (+) button. Below this, there is a section labeled 'Remove already existing:'.

Προσθήκη λοιπών κλάσεων



- ❑ Όλες οι πληροφορίες που εισάγονται στο εργαλείο ανήκουν σε μια από τις παρακάτω κλάσεις:
 - ✓ Organization
 - ✓ Collections
 - ✓ Heritage Assets
 - ✓ Actors
 - ✓ Spatial
 - ✓ Activities
 - ✓ Digital Resources
- ❑ Παρότι η πληροφορία αποθηκεύεται σε αντικείμενα CARARE (μέσω της διαδικασίας που περιγράφηκε), ο χρήστης μπορεί να αναζητήσει ή να τροποποιήσει τα αντικείμενα της κάθε κλάσης ανεξάρτητα μέσω του μενού “Classes”.

Προσθήκη λοιπών κλάσεων

Heritage Assets

First << page 1 from 63 >> Last

1. 3D model of Mithraeum at Naples (Carminiello ai Mannesi)



100%

11. Church of Panagia Acheiropiitos - Baptistiri



78%

[View missing elements](#)

12. Epsilon des sceaux



100%

13. 3d model of capital 1 of the Abbey Notre Dame de la Sauve Majeure

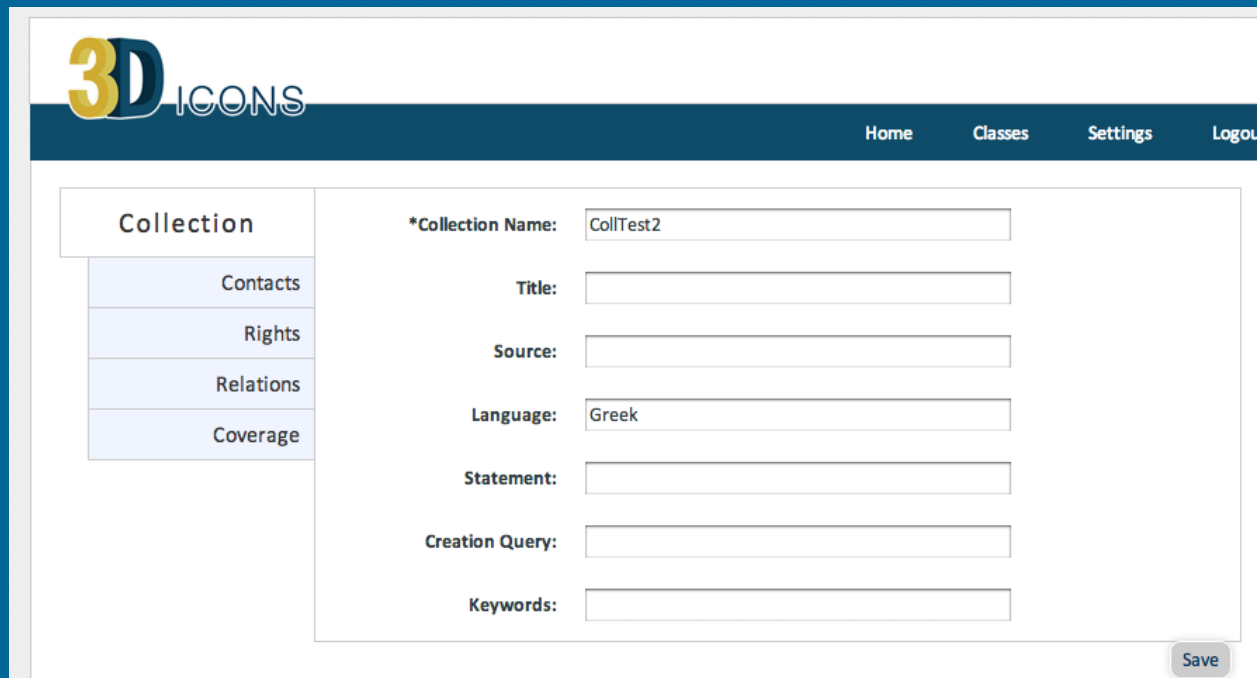


100%

- ❑ Με την επιλογή μιας κλάσης εμφανίζονται τα ήδη αποθηκευμένα αντικείμενα.
- ❑ Πατώντας τον τίτλο γίνεται η επεξεργασία του αντικειμένου.
- ❑ Για τη δημιουργία νέου υπάρχει η επιλογή “Add Object” στο τέλος της λίστας.
- ❑ Συγκεκριμένα για τα Heritage Assets εμφανίζονται στατιστικά πληρότητας, καθώς και το παραγόμενο xml.



Προσθήκη λοιπών κλάσεων



The screenshot shows the '3D ICONS' web application interface. At the top, there is a navigation bar with links for 'Home', 'Classes', 'Settings', and 'Logout'. On the left side, there is a sidebar menu with options: 'Collection' (selected), 'Contacts', 'Rights', 'Relations', and 'Coverage'. The main content area displays a form for creating a new collection. The form fields are as follows:

- *Collection Name: CollTest2
- Title: (empty)
- Source: (empty)
- Language: Greek
- Statement: (empty)
- Creation Query: (empty)
- Keywords: (empty)

A 'Save' button is located at the bottom right of the form.

- ❑ Κατά τη δημιουργία / επεξεργασία νέων αντικειμένων, τα πεδία οργανώνονται σε καρτέλες.
- ❑ Στα υποχρεωτικά πεδία προηγούνται τα σύμβολα **.
- ❑ Στα συνιστώμενα πεδία προηγείται το σύμβολο *.
- ❑ Αποθήκευση γίνεται με την επιλογή "Save" στο κάτω μέρος.

Δημοσίευση αντικειμένων CARARE

- Από το κεντρικό μενού, η επιλογή “Publication console” εμφανίζει την σελίδα δημοσίευσης.

3D ICONS

Home Classes **Publication Console** Settings Logout

Publication Console

Select Collections

1. Archeological Collection - Castello del Buonconsiglio Trento
2013-10-31 14:30:54
2. FBK - 3DOM Collection
2014-02-04 14:28:56
3. Collezione Museo Nazionale Etrusco di Villa Giulia
2014-02-04 14:35:06

Publish

Publications

#	Name	HA no	DR no	AC no	ORG no	Date
1	Publication_[41]	6	2	0	0	2014-05-06 10:59:01
1 Archeological Collection - Castello del Buonconsiglio Trento						
2 FBK - 3DOM Collection						
3 Collezione Museo Nazionale Etrusco di Villa Giulia						
2	Publication_[42]	6	2	0	0	2014-05-06 11:11:34
1 Archeological Collection - Castello del Buonconsiglio Trento						
2 FBK - 3DOM Collection						
3 Collezione Museo Nazionale Etrusco di Villa Giulia						
3	Publication_[43]	6	2	0	0	2014-05-06 11:13:17
1 Archeological Collection - Castello del Buonconsiglio Trento						
2 FBK - 3DOM Collection						
3 Collezione Museo Nazionale Etrusco di Villa Giulia						
4	Publication_[44]	6	2	0	0	2014-05-06 11:14:25
1 Archeological Collection - Castello del Buonconsiglio Trento						
2 FBK - 3DOM Collection						
3 Collezione Museo Nazionale Etrusco di Villa Giulia						

Δημοσίευση αντικειμένων CARARE απευθείας στο MORE

3D-ICONS

Home Classes Publication Console Settings Logout

Publication Console

Select Collections

1. 3D model	2014-03-21 10:08:36
2. Collection of 3D models by POLIMI	2014-03-21 10:04:26 <input type="checkbox"/>
3. Ename test	2014-03-20 16:22:59
4. Archaeological Museum of Milan	2014-03-20 14:26:52 <input type="checkbox"/>
5. Lapidarium	2014-03-20 14:26:44
6. trianona	2014-03-20 11:03:14 <input type="checkbox"/>
7. 3D-ICONS Media	2013-10-31 14:03:30 <input type="checkbox"/>
8. Skara Brae LiDAR scan data	2013-10-31 14:12:33 <input type="checkbox"/>
9. Archeological Collection - Castello del Buonconsiglio Trento	2013-10-31 14:30:54 <input type="checkbox"/>
10. Monuments of Ireland	2013-10-31 14:30:56 <input type="checkbox"/>
11. Roman Section	2013-10-31 14:33:45
12. MDR collection	2013-11-07 15:40:34 <input type="checkbox"/>
13. MuseoArcheologicoNapoli	2014-04-15 17:32:58 <input type="checkbox"/>
14. Ottoman monuments in Thrace	2013-11-12 19:05:51
15. Livia	2013-11-29 12:48:31 <input type="checkbox"/>
16. David di Donatello - collection	2014-03-15 16:54:20 <input type="checkbox"/>
17. Romanian National History Museum's Collection	2014-03-14 12:50:36
18. the paphos theatre 3D collection	2013-12-16 17:28:56
19. tipasa theatre	2013-12-17 10:19:16

Publications

#	Name	HA no	DR no	AC no	ORG no	Date
1	Publication_[1]	50	26	20	60	2013-10-30 11:59:14
2	Publication_[2]	20	0	0	0	2013-10-30 12:24:33
3	Publication_[3]	3	0	0	0	2013-10-31 15:39:26
1 Archeological Collection - Castello del Buonconsiglio Trento						
4	Publication_[4]	9	0	0	0	2013-11-15 09:05:05
5	Publication_[5]	11	0	0	0	2013-11-15 13:16:22
6	Publication_[6]	11	0	0	0	2013-11-15 13:16:27
7	Publication_[7]	2	0	0	0	2013-12-17 10:23:08
1 tipasa theatre						
8	Publication_[8]	2	0	0	0	2014-01-09 16:03:25
1 tipasa theatre						
9	Publication_[9]	1	0	0	0	2014-01-10 12:22:04
1 Abbadia Castle						

□ Η κονσόλα δημοσίευσης επιτρέπει την επιλογή μιας ή περισσότερων συλλογών και την απευθείας δημοσίευσή τους στο MORE.

□ Οι συλλογές που δεν περιλαμβάνουν την επιλογή δημοσίευσης δεν είναι έγκυρες.

Η δημοσίευση είναι εύκολη

- Ένα παράθυρο εμφανίζεται μετά την επιλογή “Publish”.
- Ο χρήστης καλείται να επιβεβαιώσει τα αντικείμενα προς δημοσίευση επιλέγοντας “Accept”.

3D ICONS

Home Classes Publication Console Settings Logout

Publication Console

Select Collections

- Archeological Collection - Castello del Buonconsiglio Trento
- FBK - 3DOM Collection
- Collezione Museo Nazionale Etrusco di Villa Giulia

Selected items for publication

User Agreement text...

- FBK - 3DOM Collection
- Collezione Museo Nazionale Etrusco di Villa Giulia

DR no	AC no	ORG no	Date
2	0	0	2014-05-06 10:59:01
Archeological Collection - Castello del Buonconsiglio Trento			
Collezione Museo Nazionale Etrusco di Villa Giulia			
2	0	0	2014-05-06 11:11:34
Archeological Collection - Castello del Buonconsiglio Trento			
FBK - 3DOM Collection			
Collezione Museo Nazionale Etrusco di Villa Giulia			
3	Publication_[43]	6 2 0 0	2014-05-06 11:13:17
1 Archeological Collection - Castello del Buonconsiglio Trento			
2 FBK - 3DOM Collection			
3 Collezione Museo Nazionale Etrusco di Villa Giulia			
4	Publication_[44]	6 2 0 0	2014-05-06 11:14:25
1 Archeological Collection - Castello del Buonconsiglio Trento			

Λίστα δημοσιεύσεων

7	Publication_[61]	6	2	0	0	2014-05-06 13:25:23
1 Archeological Collection - Castello del Buonconsiglio Trento						
2 FBK - 3DOM Collection						
3 Collezione Museo Nazionale Etrusco di Villa Giulia						
8	Publication_[67]	4	1	0	0	2014-05-06 14:42:36
1 FBK - 3DOM Collection						
9	Publication_[68]	4	1	0	0	2014-05-06 14:44:28
1 FBK - 3DOM Collection						
10	Publication_[69]	4	1	0	0	2014-05-06 15:13:14
1 FBK - 3DOM Collection						
11	Publication_[70]	5	1	0	0	2014-05-06 15:26:24
1 FBK - 3DOM Collection						
12	Publication_[71]	5	1	0	0	2014-05-06 15:42:31
1 FBK - 3DOM Collection						
13	Publication_[81]	7	1	0	0	2014-05-07 10:23:34
1 FBK - 3DOM Collection						
14	Publication_[82]	8	2	0	0	2014-05-07 11:14:36
1 FBK - 3DOM Collection						
2 Collezione Museo Nazionale Etrusco di Villa Giulia						

- Η νέα δημοσίευση εμφανίζεται στο τέλος της λίστας (Πίνακας “Publications”).
- Ο κάθε χρήστης μπορεί να δει μόνο τις δικές του δημοσιεύσεις.

Ευχαριστούμε!

