The Madrid Codices of Leonardo da Vinci (Vol. I), f. 7r
Leonardo da Vinci
c.1493, Biblioteca Nacional de España
Spain, CC BY-SA

Introduction to metadata quality – the approach of Europeana Collections

Adina Ciocoiu | 22 November

Co-financed by the European Union

Introduction

Concerto de Amadores | Columbano Bordalo Pinheiro
1882, Museu do Chiado – Museu Nacional de Arte Contemporânea,
Portugal, PDM

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Short story of Europeana

• April 2005	Jacques Chirac tells EC his big idea
• 2007	EDLnet starts building Europeana
• November 2008	Europeana prototype launched
• Summer 2010	Prototype becomes a service
• Sep 2012	Europeana metadata released as CC0
• 2013	Implementing Europeana Data Model (EDM)
• 2013	#AllezCulture campaign
• May 2015	Europeana Digital Service Infrastructure
• November 2018	10 years anniversary

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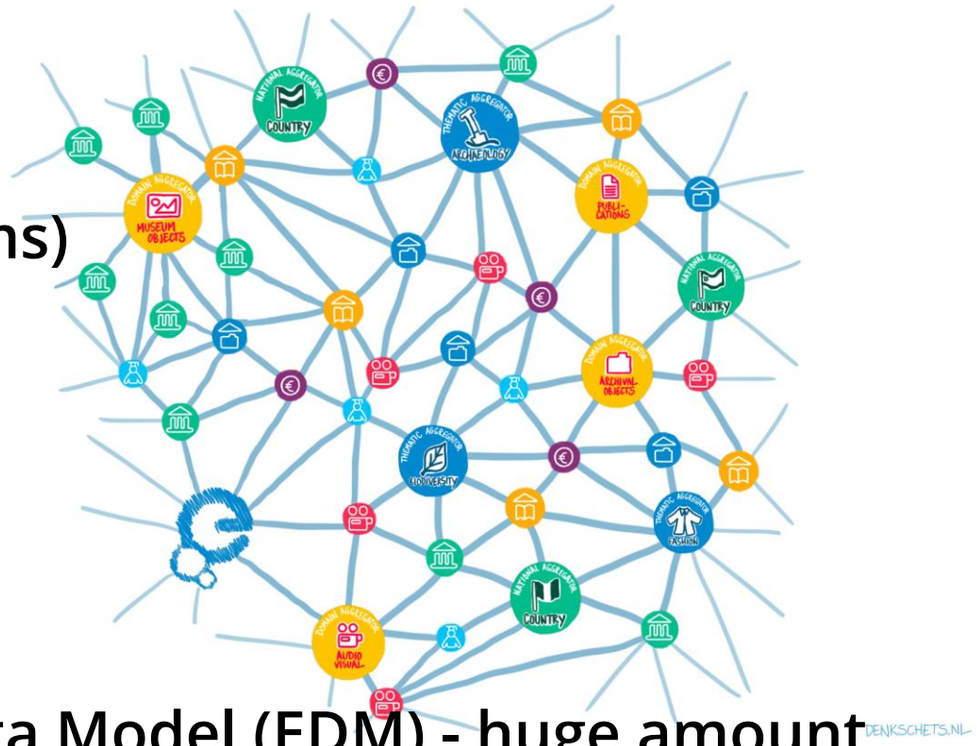
Europeana achievements



- >3,700 **European institutions** (galleries, libraries, archives and museums) share their collections online
- >54 millions **records** available online
- more than 40 **languages**
- **CC0** for metadata
- **Standardised metadata** - Europeana Data Model (EDM) - huge amount of references to places, agents, concepts, time
- All records include a **standardised rights statement**
- A **network** of like-minded heritage and technology professionals
- An **open data platform** (available for reuse via **Europeana API**)

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We want to build on Europe’s rich heritage and make it easier for people to use, whether for work, for learning or just for fun!

OUR PRIORITIES

We have three goals. We want to make it easier and rewarding for cultural heritage institutions to share high-quality collections with a global audience. We want to scale with partners to reach the markets and audiences who can most benefit from cultural heritage content. And we want people to get excited about cultural heritage whether it's on Europeana's websites or elsewhere.

MARKETS

ACADEMIC RESEARCH

CREATIVE INDUSTRIES

EDUCATION

CULTURAL HERITAGE INSTITUTIONS

EDUCATION

FEATURED RESOURCES

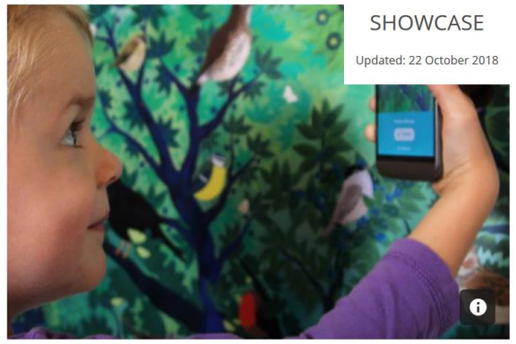
Historiana Teacher Training Guide

Use of Europeana resources by French educators

Learning scenarios with Europeana content

[Europeana Strategy homepage](#)
Europeana Pro| CC BY-SA

The possibilities for using open cultural heritage in new apps, products and services are almost limitless. Explore our showcase of apps using the Europeana content and API.



[Birdie Memory Game](#)
Europeana Pro| CC BY-SA

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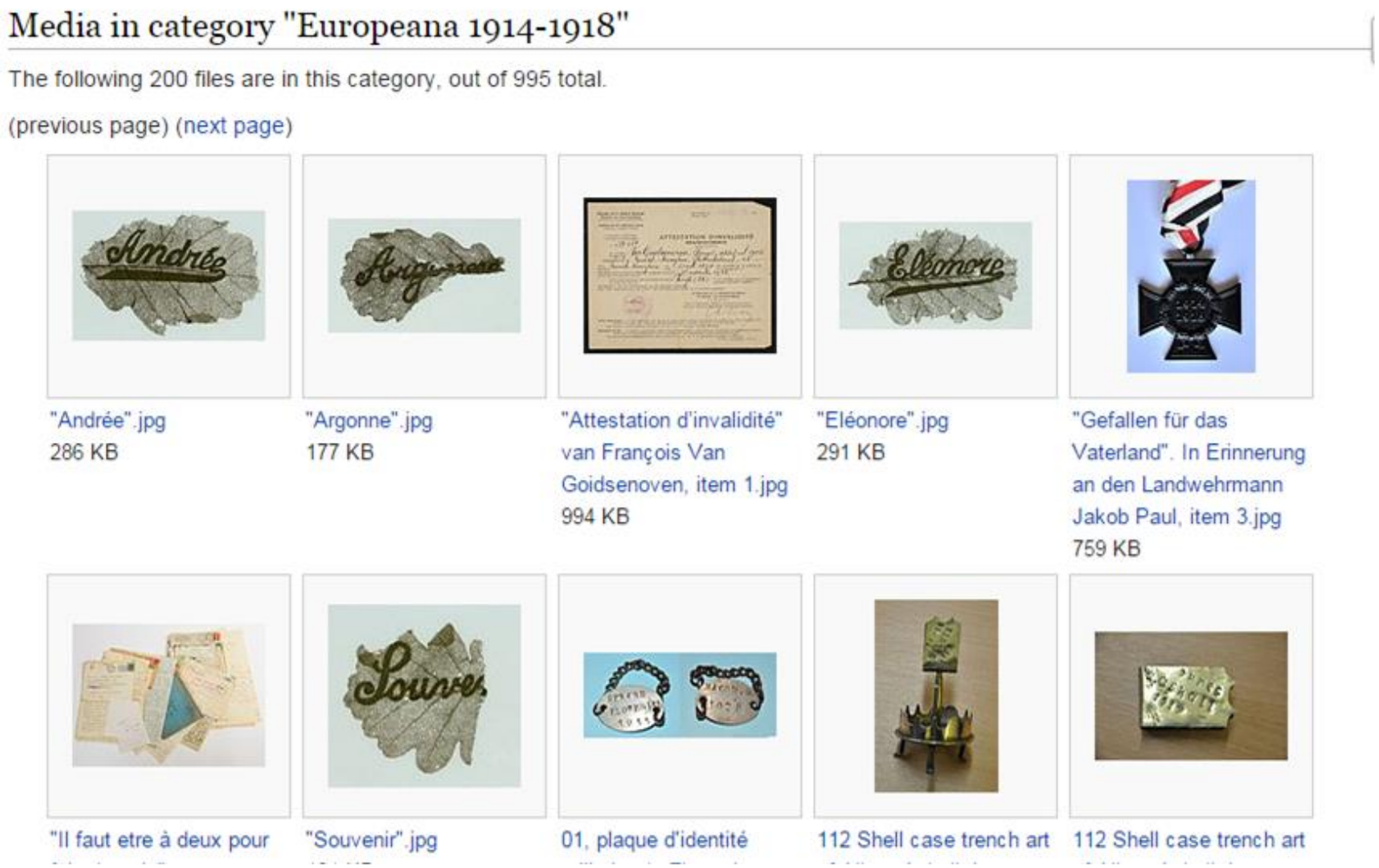
Contributing to third party sites - Wikimedia Commons

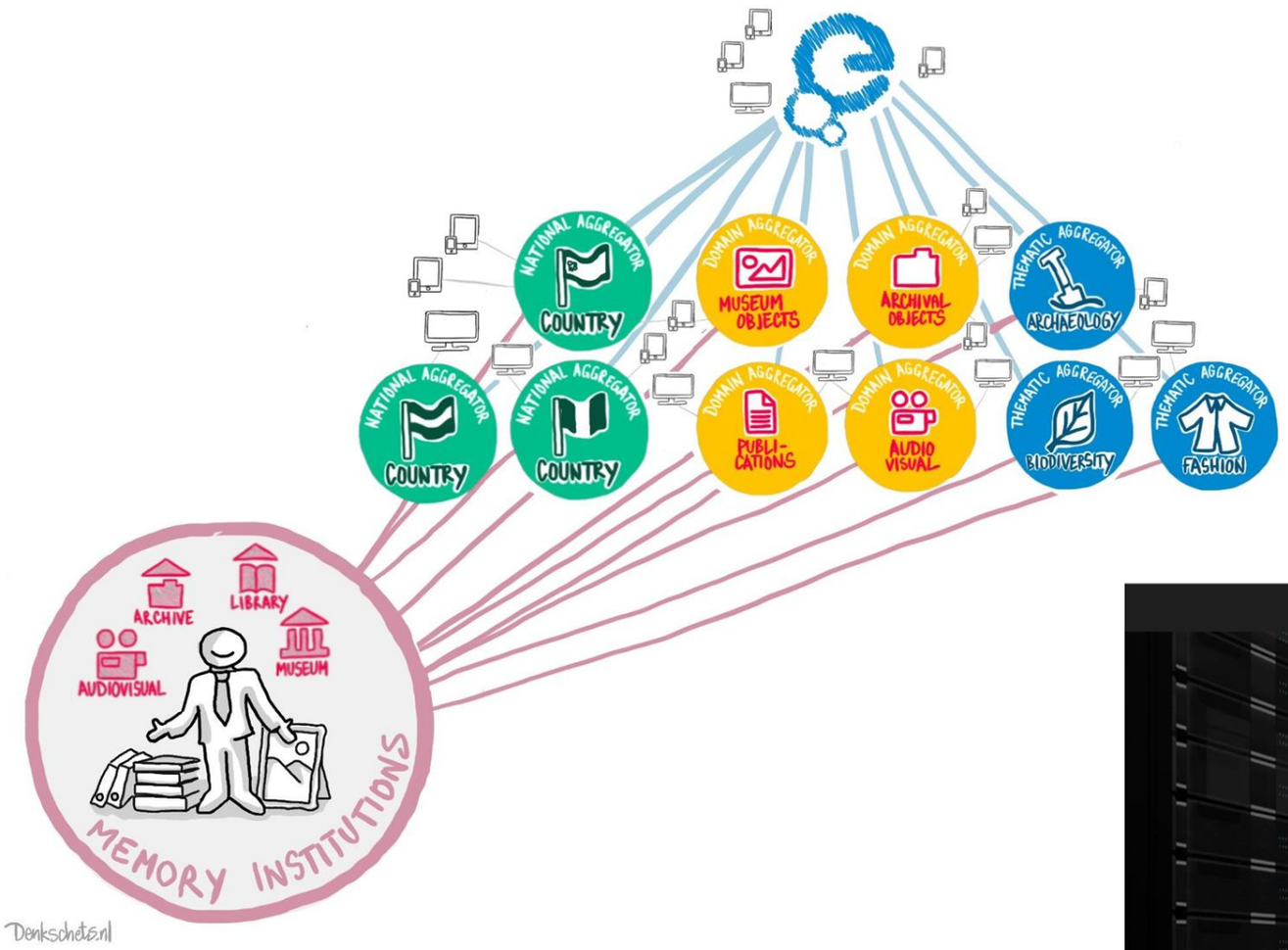


Must Read:
[10 reasons to open up your digital cultural heritage data](#)
by Nicole McNeilly

[Europeana 1914-1918 content on Wikimedia Commons](#)
Wikimedia Commons| CC BY-SA

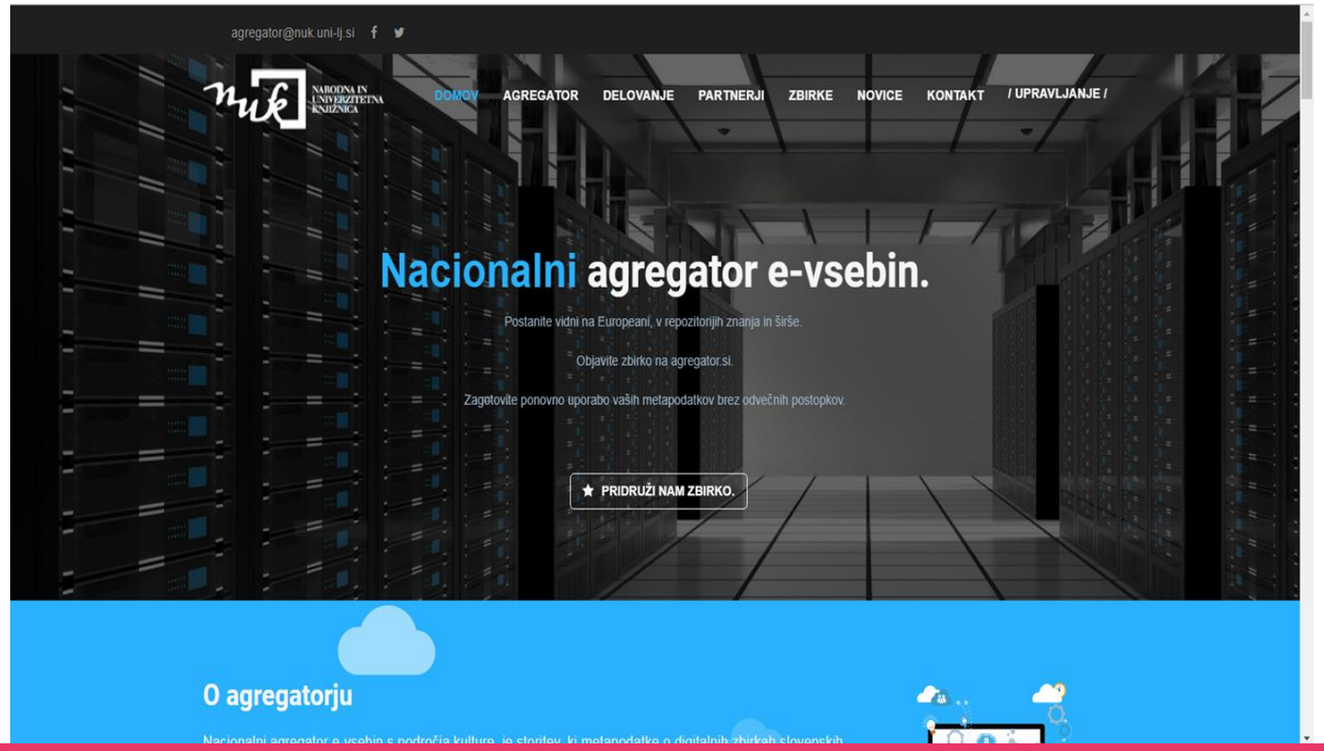
CC-BY-SA

Aggregation in Europeana Collections



europeana aggregator

TRUSTED PARTNER



CC-BY-SA

Aggregation in Europeana Collections

- Descriptive and technical metadata
- Thumbnails
  As a rule, content is still served from our data partners
- Content for specific projects
  - newspapers text and images
  - user-generated content

  (Europeana 1914-1918, Europeana Migration)

CC-BY-SA

Europeana Collections

CC-BY-SA

Elegant Party on a Terrace of a Venetian-inspired Setting

Anonymous

1615, Rijksmuseum

Netherlands, Public Domain

Metadata quality prerequisites

From this…

Encoded Archival Description Version 2002 Official Site

Metadata Object Description Schema Official Web Site

ISAD(G): General International Standard Archival Description

SPECTRUM

Dublin Core Metadata Initiative
Making it easier to find information.

Metadata Encoding & Tr

ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND AUDIO

… to Europeana Semantic Elements

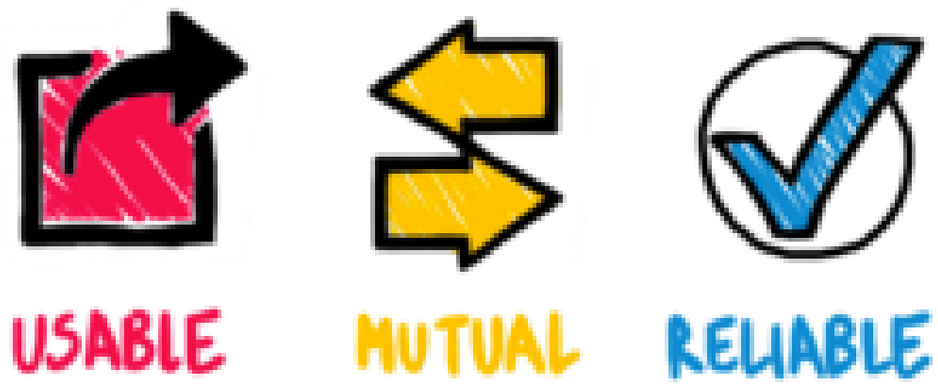
dc:contributor, **dc:creator**, dc:date, dc:format, dc:identifier, **dc:language**, dc:publisher, dc:relation, dc:source, dcterms:alternative, dcterms:extent, dcterms:temporal, dcterms:medium, dcterms:created, dcterms:provenance, **dcterms:issued**, dcterms:conformsTo, dcterms:hasFormat, dcterms:isFormatOf, dcterms:hasVersion, dcterms:isVersionOf, **dcterms:hasPart**, dcterms:isPartOf, dcterms:isReferencedBy…

europeana:type, **europeana:dataProvider**, europeana:provider, europeana:isShownAt, europeana:isShownBy, europeana:object, **europeana:rights**

CC-BY-SA

….to…the Europeana Data Model

- Cross-community re-use of data models
- Semantic Web technology allows mixing them
- Collaborative, softer form of standardisation



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The core classes are:

- edm:ProvidedCHO - the provided cultural heritage object
- edm:WebResource - the web resource that is the digital representation
- ore:Aggregation - the aggregation that groups the classes together

Main contextual classes include:

- edm:Agent – who
- edm:Place – where
- edm:TimeSpan - when
- skos:Concept – what
- cc:License – access and usage

Properties for ore:Aggregation	
✔ **edm:aggregatedCHO**	✔ **edm:provider**
✔ **edm:dataProvider**	dc:rights
edm:hasView	✔ **edm:rights**
♦ edm:isShownAt	edm:ugc
♦ edm:isShownBy	+ edm:intermediateProvider
+ edm:object	

Properties for edm:WebResource	
dc:creator	dcterms:hasPart
dc:description	dcterms:isFormatOf
dc:format	dcterms:isPartOf
dc:rights	dcterms:isReferencedBy
dc:source	dcterms:issued
dcterms:conformsTo	edm:isNextInSequence
dcterms:created	+ edm:rights
dcterms:extent	owl:sameAs

Contextual Classes

Properties for edm:Agent	
+ skos:prefLabel	foaf:name
skos:altLabel	rdaGr2:biographicalInformation
skos:note	rdaGr2:dateOfBirth
dc:date	rdaGr2:dateOfDeath
dc:identifier	rdaGr2:dateOfEstablishment
dcterms:hasPart	rdaGr2:dateOfTermination
dcterms:isPartOf	rdaGr2:gender
edm:begin	rdaGr2:placeOfBirth
edm:end	rdaGr2:placeOfDeath
edm:hasMet	rdaGr2:professionOrOccupation
edm:isRelatedTo	owl:sameAs

Properties for edm:Place	
+ wgs84_pos:lat	skos:note
+ wgs84_pos:long	dcterms:hasPart
wgs84_pos:alt	dcterms:isPartOf
+ skos:prefLabel	edm:isNextInSequence
skos:altLabel	owl:sameAs

2 Overview of the properties in each class

✔ = **Mandatory property**

➔ Blue = **at least** one of the blue properties should be present (and can be used alongside each other)

O Red = **at least** one of the red properties should be present (and can be used alongside each other)

♦ Green = **at least** one of the green properties should be present (and can be used alongside each other)

+ = recommended property

Detailed characteristics of all properties are given in the full tables following this summary.

Core Classes

Properties for edm:ProvidedCHO	
+ dc:contributor	dcterms:isReplacedBy
O dc:coverage	dcterms:isRequiredBy
+ dc:creator	+ dcterms:issued
+ dc:date	dcterms:isVersionOf
➔ dc:description	dcterms:medium
dc:format	dcterms:provenance
+ dc:identifier	dcterms:references
✔ **dc:language** (if edm:type = TEXT)	dcterms:replaces
+ dc:publisher	dcterms:requires
dc:relation	O dcterms:spatial
dc:rights	dcterms:tableOfContents
+ dc:source	O dcterms:temporal
O dc:subject	edm:currentLocation
➔ dc:title	edm:hasMet
O dc:type	edm:hasType
+ dcterms:alternative	edm:incorporates
dcterms:conformsTo	edm:isDerivativeOf
+ dcterms:created	+ edm:isNextInSequence
dcterms:extent	edm:isRelatedTo
dcterms:hasFormat	edm:isRepresentationOf
dcterms:hasPart	edm:isSimilarTo
dcterms:hasVersion	edm:isSuccessorOf
dcterms:isFormatOf	edm:realizes
+ dcterms:isPartOf	✔ **edm:type**
dcterms:isReferencedBy	owl:sameAs

Europeana Linked Data strategy

EDM supports **contextual resources** and offers a base for **cross linking**

EDM allows data providers to contribute their **own vocabularies**

EDM contributes to the **alignment** between domain vocabularies

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Europeana Semantic Enrichment

We perform **automatic** semantic enrichment to link source data to reference data in order to....

Improve the **user experience**

- **better** ways of **searching** and navigating through the collections, **eliminating ambiguity** and clarifying the meaning of descriptions
- better adaptation to the **language** of the user

Improve the **quality** and **interlinking** of data

- more **context** to the objects
- **better multilingual coverage**
- contribution to build a **web of data** that third parties can use to improve their users' experience

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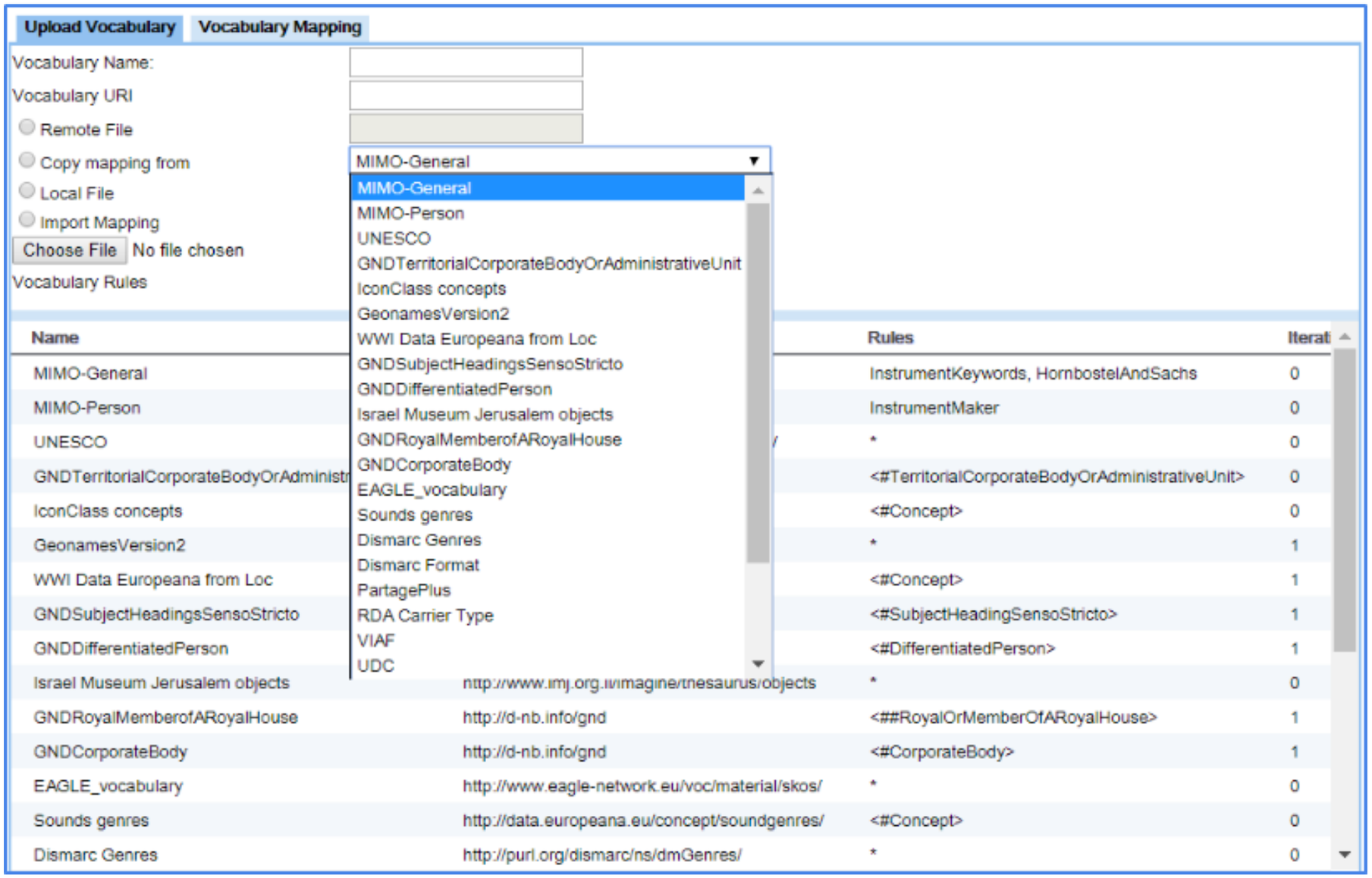
Europeana Linked Data strategy

Vocabularies currently provided to Europeana



CC-BY-SA

Thumbnail

1 / 1

Leaflet

Media Metadata

Title	[Reproduction de la copie de la Joconde exécutée par Aimé Millet en 1848] : [photographie] / Gustave Le Gray | Gustave Le Gray
Description	Collectionneur : Armand, Alfred (1805-1888)

Metadata

Link to data provider

FIND OUT MORE

View at Bibliothèque nationale de France

CAN I USE IT?

Limited Re-use

No Copyright - Other Known Legal Restrictions

Rights

CC-BY-SA

Similar Items

Photograph of General Eoin O'Duffy.

Passport photograph of Michael Tierney.

A young man with handle-bar moustache : hea...

Photograph of Sir Roger Casement.

show more... (8,252,295)

Links to contextual entities

Entities

SUBJECTS, RESOURCE TYPES, GENRES AND FORMS (CONCEPTS)

Concept Term

http://data.europeana.eu/concept/base/48

Concept Label

["Bild (Fotografie)"] (de); ["Valokuva"] (fi); ["사진"] (ko); ["Снимка"] (bg); ["Photograph"] (en); ["Ljósmynd"] (is); ["Fénykép"] (hu); ["相片"] (zh); ["Foto"] (et); ["פאטאגראף"] (yi); ["Argazki"] (eu); ["Լուսանկար"] (hy); ["Фотографічний твір"] (uk); ["Foto"] (nl); ["Fotoğraf"] (tr); ["Fotografia (document)"] (ca);

PERSONS AND ORGANISATIONS (AGENTS)

Agent Term

http://data.europeana.eu/agent/base/152026

Agent Label

["Gustave Le Gray"] (cs); ["Gustave Le Gray"] (de); ["Gustave Le Gray"] (sv); ["Gustave Le Gray"] (en); ["Gustave Le Gray"] (it); ["Gustave Le Gray"] (pl); ["Gustave Le Gray"] (fr); ["Gustave Le Gray"] (es); ["Gustave Le Gray"] (nl);

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The Entity Collection - an example of EDM metadata re-use in Europeana Collections

Enrichment of Provider's Data

- A controlled vocabulary to help identify named references to entities

Crowdsourcing

- Objects can be annotated with references to entities
- A controlled vocabulary for client applications

Entity Collection

Europeana Collections Portal

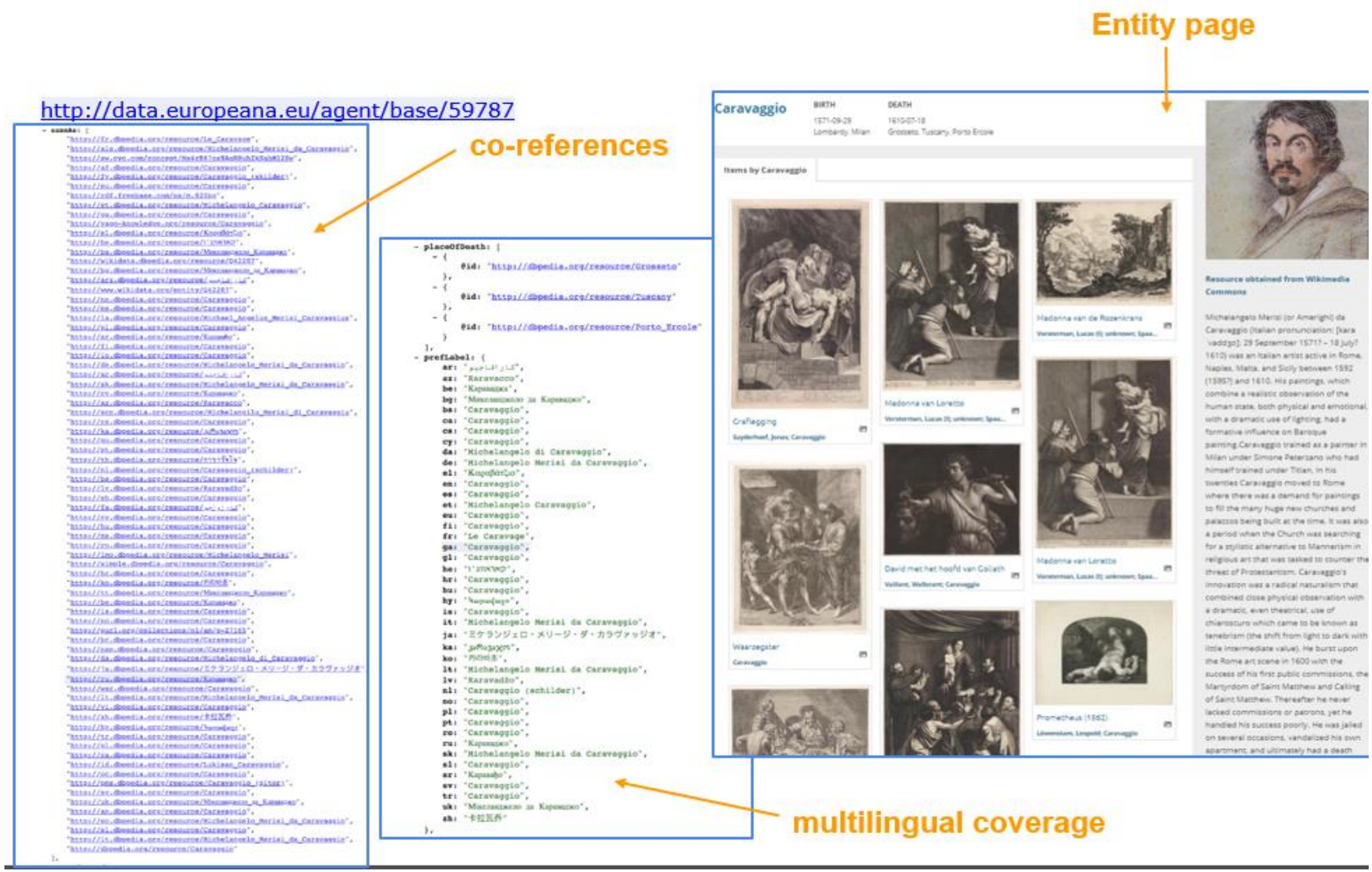
- *Findability*: users can look for entities, not only records (Entity-Based Search)
- *Understandability*: Entity Pages group and present all assertions about an entity
- *Exploration*: Navigation along relationships and browsing through entities becomes possible

Republication for Re-use

- Entities can be republished as an open source to the community

CC-BY-SA

The Entity Collection - an example of EDM metadata re-use in Europeana Collections



CC-BY-SA

EDM - an open and living standard

The model is **well-documented** and **openly shared**

Different documentation on **various profiles of EDM**

Allows the **identification of new domain specific** requirements while maintaining interoperability

Community joint **effort**

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Building block for…

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DPLA DIGITAL PUBLIC LIBRARY OF AMERICA

Home Exhibitions Map Timeline Apps

Search the Library

For Developers

- API Codex
- Bulk Download
- Ideas & Projects
- Metadata Application Profile
- Sample Code & Libraries

Search this site

Metadata Application Profile

The DPLA Metadata Application Profile (MAP) is the basis for how metadata is structured and validated in DPLA, and guides how metadata is stored, serialized, and made available through our API in JSON-LD. The MAP is based on the Europeana Data Model (EDM), and integrates the experience and specific needs for aggregating the metadata of America's cultural heritage institutions. The current version is 4.0.

Download the DPLA Metadata Application Profile, version 4.0.

New to the DPLA MAP? Read our Introduction to the DPLA Metadata Model to get started.

The previous versions can be accessed below:

- DPLA MAP v3.0
- DPLA MAP v3.1

DEUTSCHE DIGITALE BIBLIOTHEK
Kultur und Wissen online

›bjekte, davon 9.400.919 mit Digitalisat

Nur Objekte mit Digitalisat

Erweiterte Suche

AKTUELL
Willkommen bei der Deutschen Digitalen Bibliothek!

AKTUELL
Ein Zeitungsportal für Deutschland: DDB baut weiteres...

ENTDECKEN
Der digitale Tellerrand 03: "Das Virtuelle Migrationsmuseum -...

ENTDECKEN
Wir sind die DDB: Museumsstiftung Post und...

CC-BY-SA

Balloon
Pál Szinyei Merse
Hungarian National Gallery
CC BY-NC-SA

Europeana Collections: Quality Challenges

General metadata issues...to mention just a few

Confusion between information describing the object and information describing its digital representation

Absence of mandatory fields

Non meaningful information in descriptive fields

Non unique identifiers

Literal values in fields where a reference is expected

Codes instead of full names given in literal values

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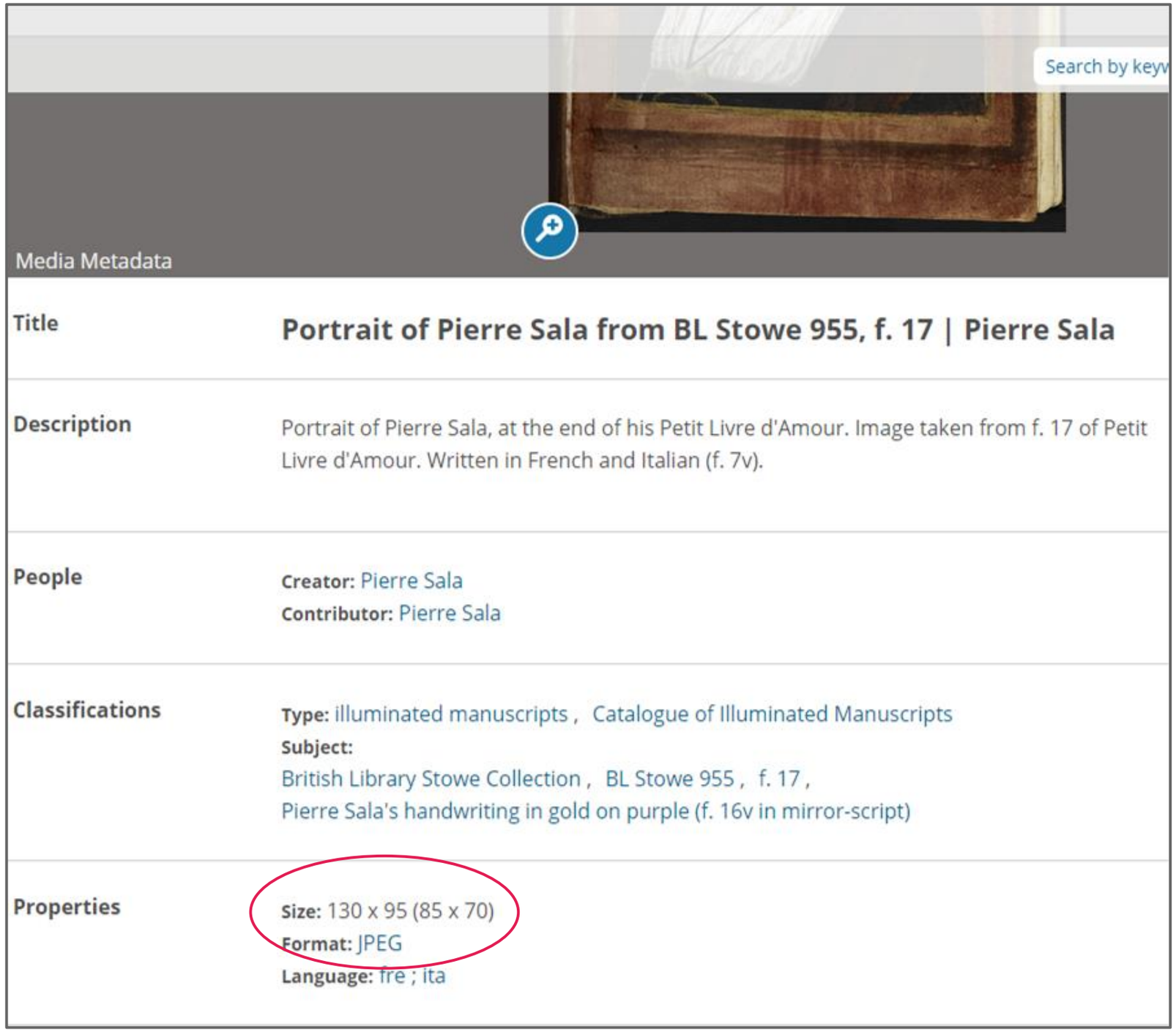
information about the object vs its digital representation

edm:ProvidedCHO
dc:format

edm:WebResource
dc:format



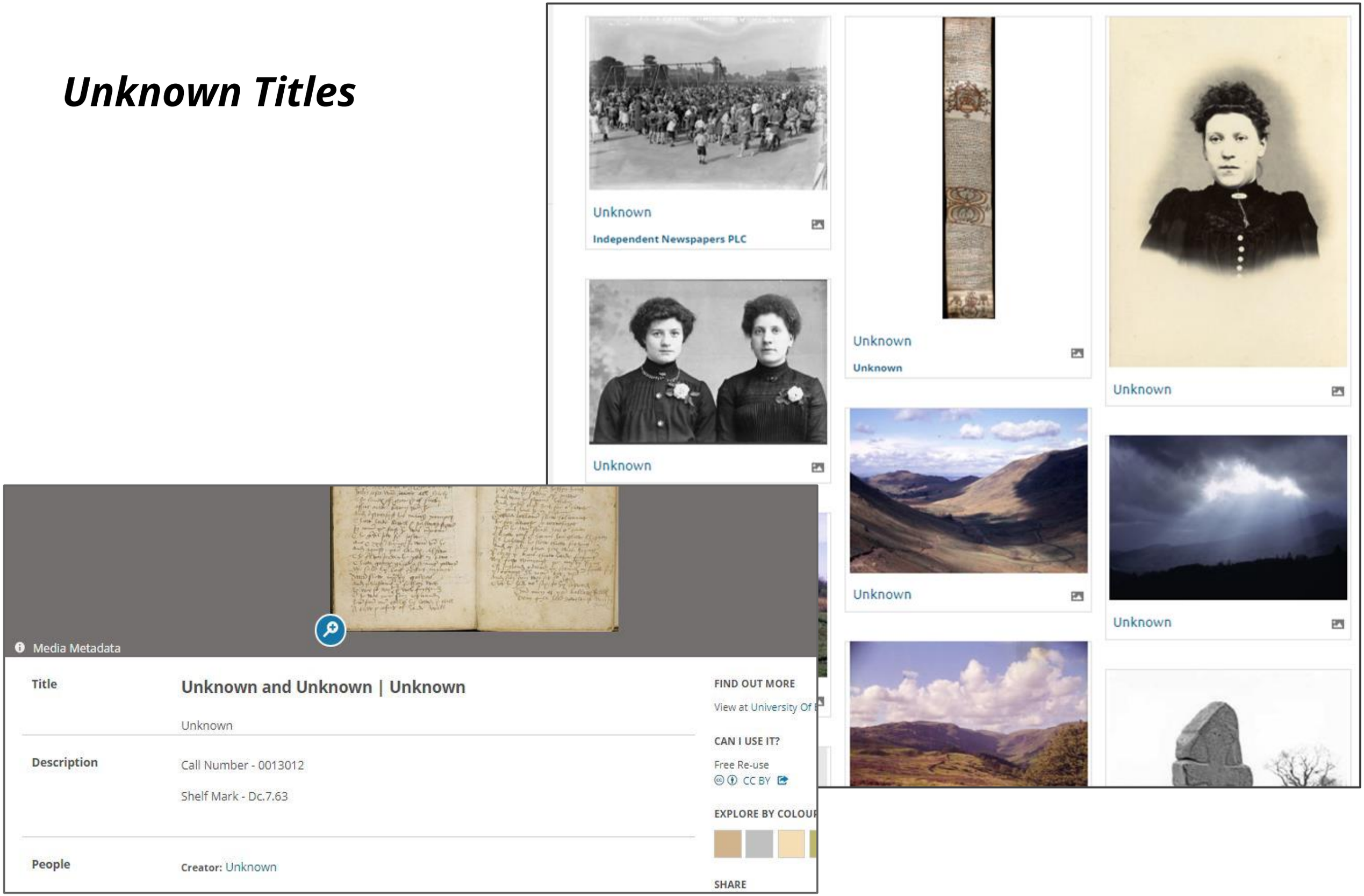
Search by keyw

Media Metadata

Title	**Portrait of Pierre Sala from BL Stowe 955, f. 17 | Pierre Sala**
Description	Portrait of Pierre Sala, at the end of his Petit Livre d'Amour. Image taken from f. 17 of Petit Livre d'Amour. Written in French and Italian (f. 7v).
People	**Creator:** Pierre Sala **Contributor:** Pierre Sala
Classifications	**Type:** illuminated manuscripts , Catalogue of Illuminated Manuscripts **Subject:** British Library Stowe Collection , BL Stowe 955 , f. 17 , Pierre Sala's handwriting in gold on purple (f. 16v in mirror-script)
Properties	**Size:** 130 x 95 (85 x 70) **Format:** JPEG **Language:** fre ; ita

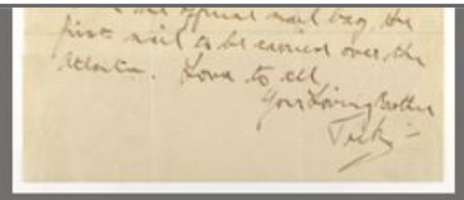
CC-BY-SA

Unknown Titles



CC-BY-SA

Unknown coordinates

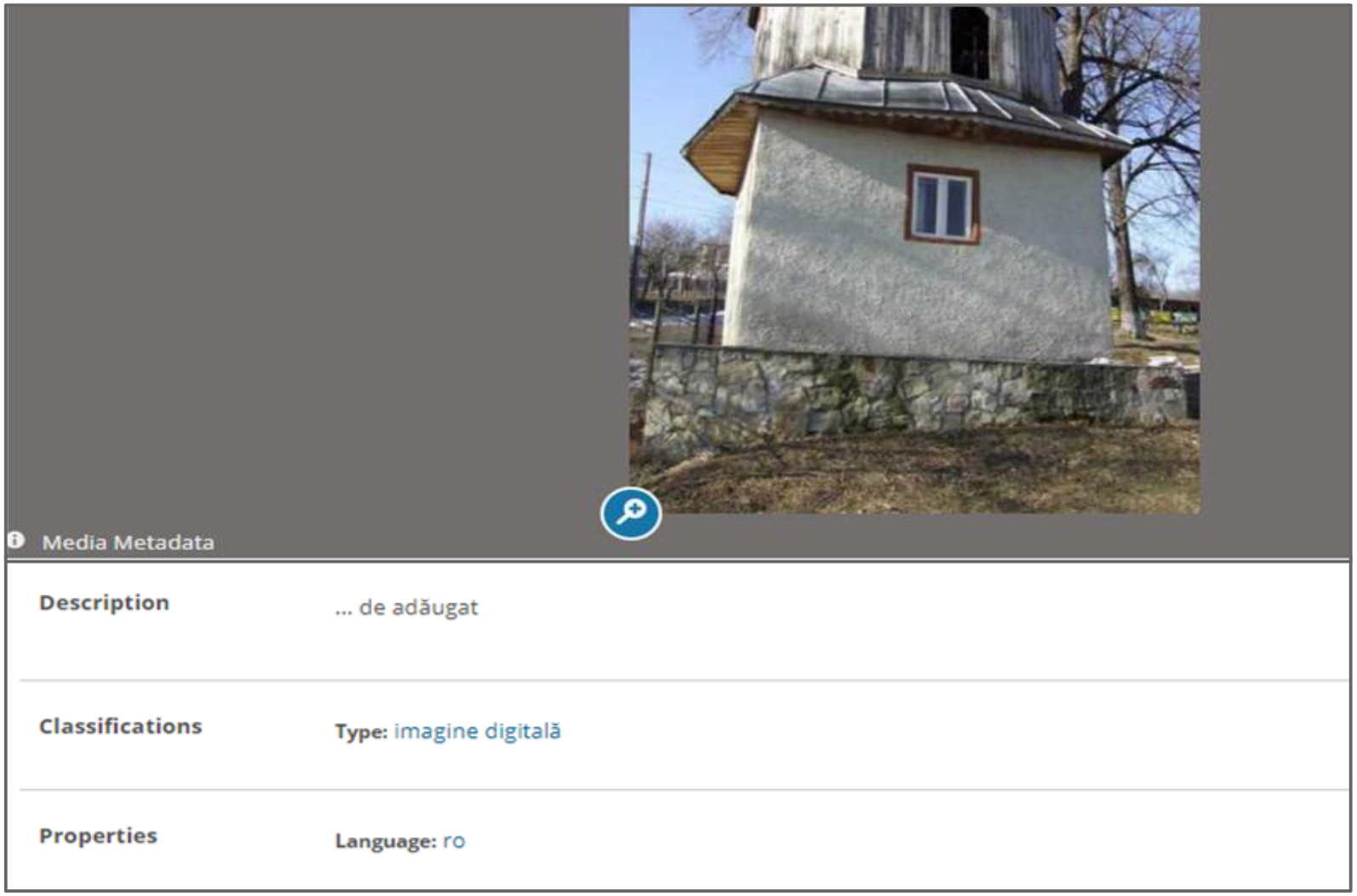


Title	**Newfoundland: Letter from John Alcock to his sister dated 12th June, 1919 and carried in the cover above. | Author : Captain John Alcock**
Description	In 1913 the Daily Mail newspaper offered a prize of £10,000 for the first non-stop crossing of the Atlantic by a heavier than air machine. The 1914-18 War interrupted the attempts and in 1918 the Daily Mail's offer was repeated.Attempts were made from Newfoundland in 1919 and on 14th June the first successful flight with Captain John Alcock and navigator Lt. Arthur Whitten-Brown was made.The image shows a letter in Alcock's hand to his sister in Manchester carried on that first successful flight reading "...This letter will travel with me in the official mail bag, the first mail to be carried over the Atlantic..."
Location	**Location:** 0,0 , Newfoundland

CC-BY-SA

Language issues

dc:language provided for non linguistic content

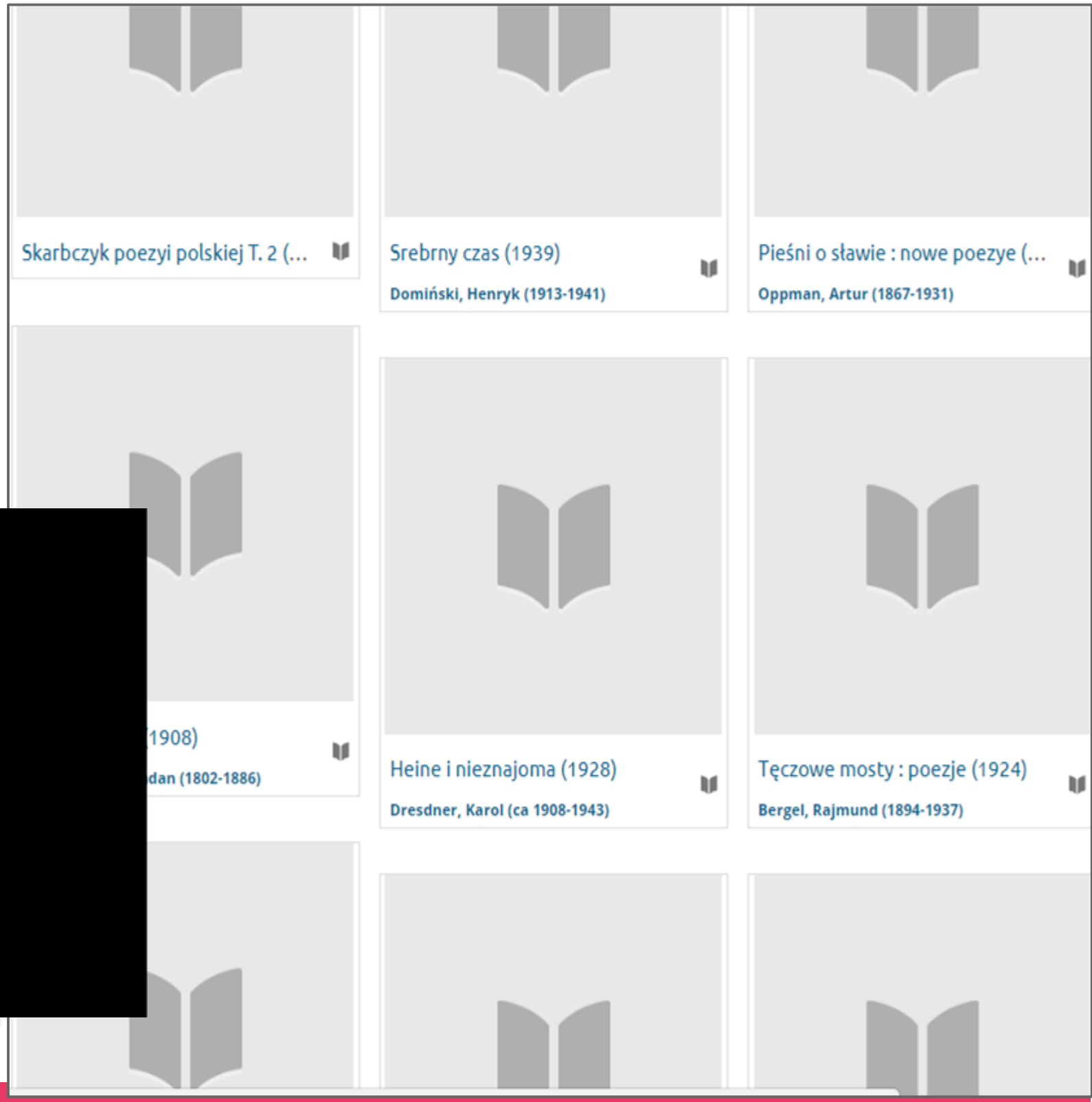


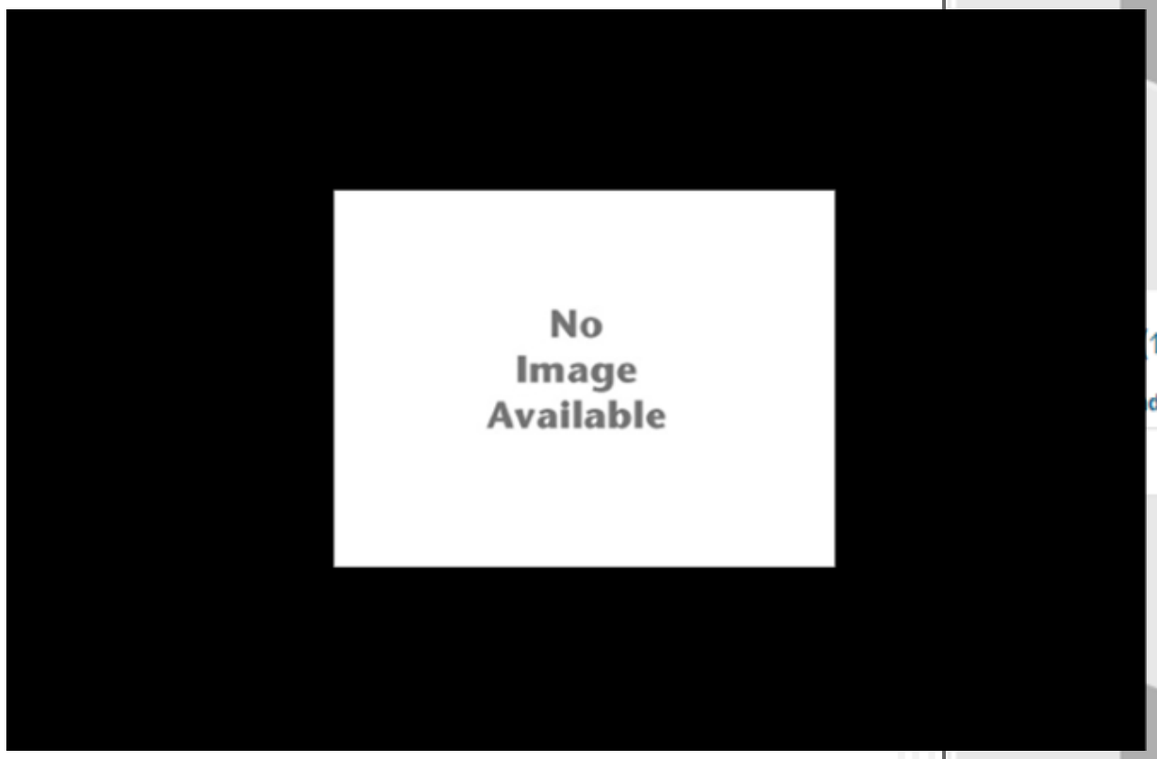
CC-BY-SA

Digital objects

Missing direct links

Broken links





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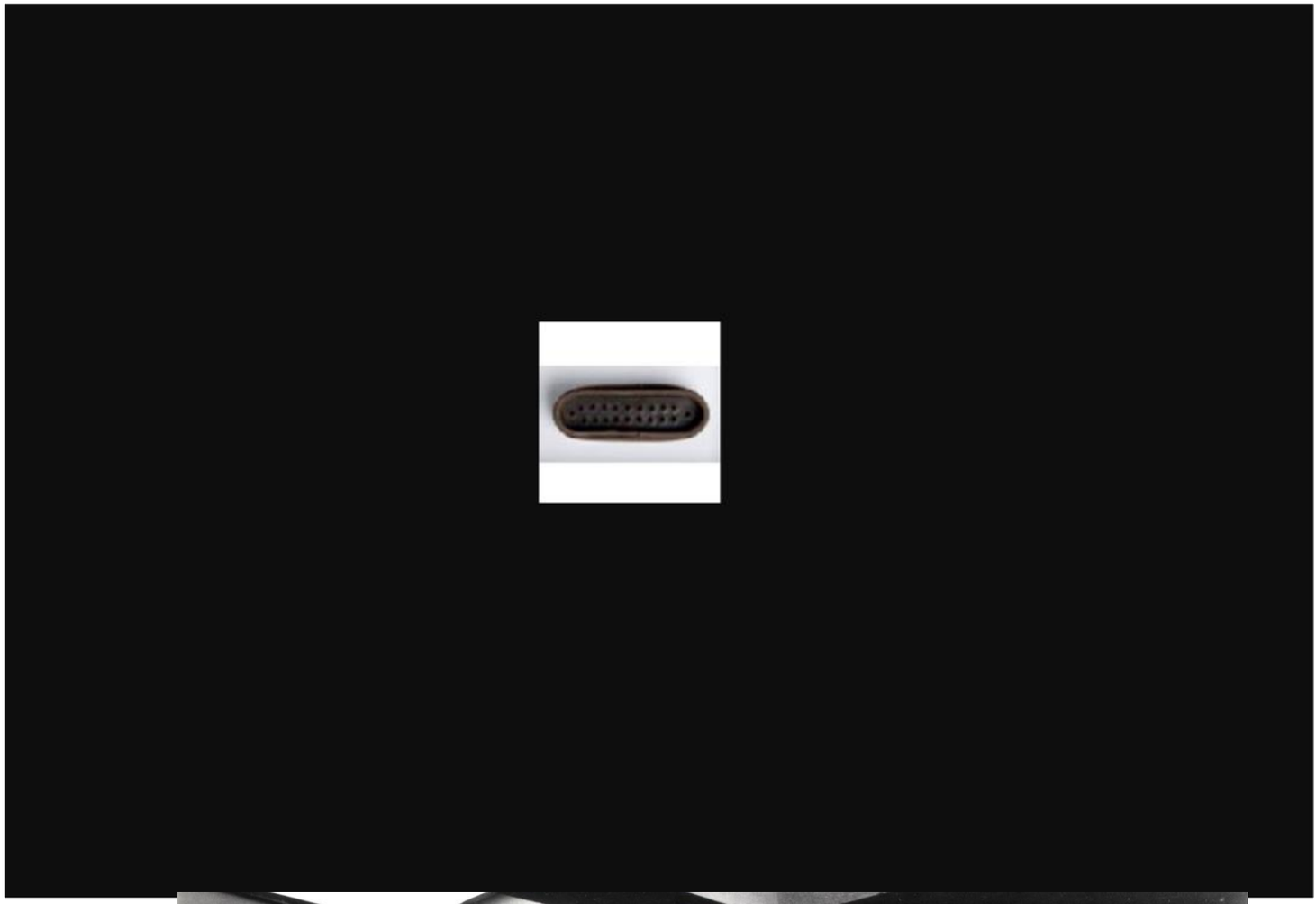
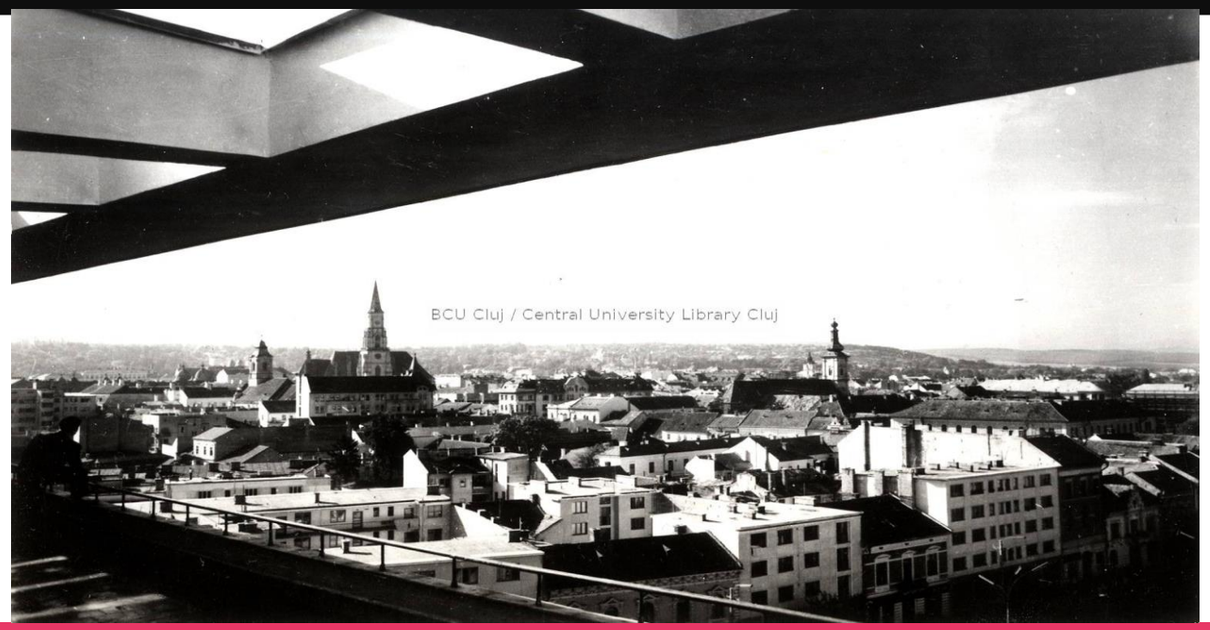
Digital objects

Low resolution

Watermarks





CC-BY-SA

Copyright

Debatable license attribution (country specific)

Classifications	**Type:** Manuscript **Subject:** Manuscript
Properties	**Language:** ita
Time	**Date:** 1600 - 1699

CAN I USE IT?

Limited Re-use

CC BY-NC-ND

SHARE

CC-BY-SA

Our approach to metadata quality

Arrival of a Portuguese ship
Anonymous
1660 - 1625,
Rijksmuseum

Netherlands, Public Domain

Metadata Quality - what do we do

Dataset analysis

Data Quality Planning

Data quality conversations

Developing Data Assessment Tools

Semantic Enrichment: fetching information from external controlled vocabularies when links are provided

Mezei kocsiút | Vaszary János
Rippl-Rónai Megyei Hatókörű Városi Múzeum
Hungary, CC-BY

CC-BY-SA

Metadata Quality – what can *data partners* do

More **meaningful metadata**

Use a **consistent terminology** in fields enabling Semantic Enrichment

Provide links to **dereferenceable LOD vocabularies** (*Getty AAT, Iconclass, Geonames, VIAF, MIMO, Library of Congress WWI terms, UNESCO Thesaurus)*

Use of **language attributes** for literal values

More **spatial** information

Normalisation of **dates**

CC-BY-SA

....cause when they do....

Object

Klavecimbel met dubbel klavier in combinatie met een virginaal
1619, Muziekinstrumentenmuseum
CC-BY-NC-SA

ConceptScheme : http://www.mimo-db.eu/InstrumentsKeywords

skos:Concept

Clavecin

http://www.mimo-db.eu/InstrumentsKeywords/2251

skos:prefLabel

- Harpsichord (und)
- Clavicémbalo (es)
- 羽管键琴 (zh)
- Klawesyn (pl)
- Clavicèmbal (ca)
- Cembalo (de)
- Harpsichord (en)
- Clavecin (fr)
- Clavicembalo (it)
- Klavecimbel (nl)
- Cembalo (sv)

skos:exactMatch

- http://www.mimo-db.eu/HornbostelAndSachs/6461

skos:closeMatch

- http://dbpedia.org/resource/Harpsichord

Provided datasets/vocabularies

Iconclass

Options · Help · About · Login

Outline · Edits · **Clipboard**

0 Abstract, Non-representational Art
1 Religion and Magic
2 Nature
3 Human Being, Man in General
4 Society, Civilization, Culture
48 art
48C the arts; artists
48C7 music
48C75 making music; musician with instrument
48C753 more than one musician with instrument

48CC753 more than one musician with instrument - CC - 'concert champêtre'
art · artist · civilization · concert · culture · group · music · music making · musical instrument ·

48CC753(+0) (+ variant)
48CC753(+1) (+ artist at work)
48CC753(+2) (+ artist in non-work situation)
48CC753(+3) (+ types of art)

CC-BY-SA

...we and our users are happy...

SUBJECTS, RESOURCE TYPES, GENRES AND FORMS (CONCEPTS)

Concept Term

http://data.europeana.eu/concept/base/114

Concept Label

["Sport"] (no); ["खेल"] (hi); ["Sport"] (de); ["Urheilu"] (fi); ["Спорт"] (be); ["Спорт"] (ru); ["Desporto"] (pt); ["Спорт"] (bg); ["Sportas"] (lt); ["Šport"] (hr); ["Sports"] (lv); ["Sport"] (fr); ["Sport"] (hu); ["Sport"] (bs); ["Սպորտ"] (hy); ["სპორტი"] (ka); ["Спорт"] (uk); ["Šport"] (sk); ["Šport"] (sl); ["Spórt"] (ga); ["Spòrs"] (gd); ["Esport"] (ca); ["Спорт"] (mk); ["Sporti"] (sq); ["Спорт"] (sr); ["Sport"] (sv); ["스포츠"] (ko); ["Deporte"] (gl); ["Αθλητισμός"] (el); ["Sport"] (en); ["Íþrótt"] (is); ["Sport"] (it); ["体育"] (zh); ["Deporte"] (es); ["Sport"] (et); ["Kirol"] (eu); ["Sport"] (cs); ["رياضة"] (ar); ["Chwaraeon"] (cy); ["スポーツ"] (ja); ["İdman"] (az); ["Sport"] (pl); ["Sport"] (ro); ["Sport"] (da); ["ספורט"] (he); ["Spor"] (tr); ["Sport"] (nl);

Concept Term

http://data.europeana.eu/concept/base/61

Concept Label

["Wochenschau"] (de); ["Journalfilm"] (sv); ["Кінохроніка"] (uk); ["ニュース映画"] (ja); ["Newsreel"] (en); ["Cinegiornale"] (it); ["Kronika filmowa"] (pl); ["Jurnal de actualități"] (ro); ["Filmhíradó"] (hu); ["יומן קולנוע"] (he); ["Filmjournaal"] (nl);

TIME SPANS AND DATES (TIMESPAN)

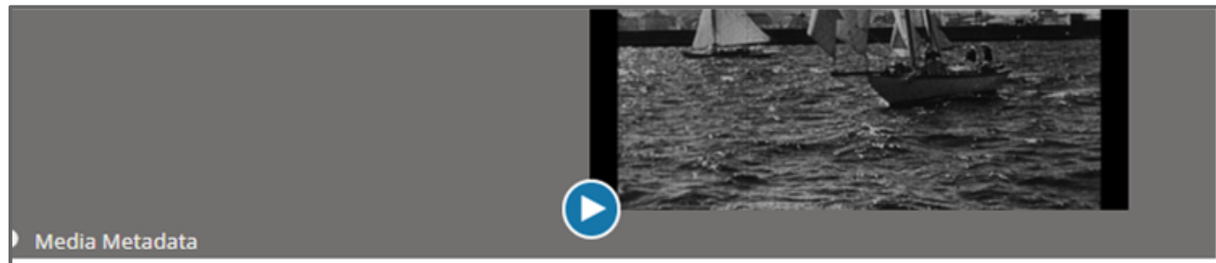
PLACE NAMES (PLACES)

Place Term

http://data.europeana.eu/place/base/108

Place Label

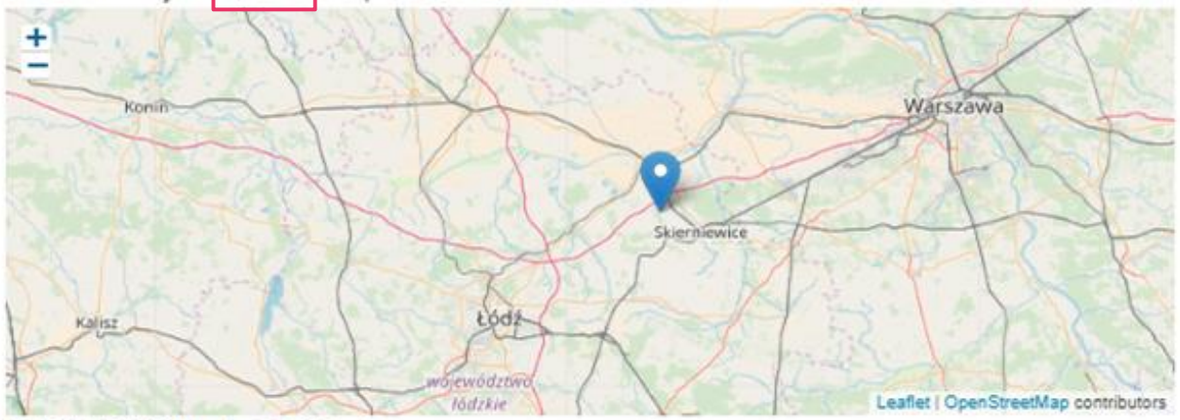
["Republic of Poland"] (); ["पोलैंड"] (hi); ["پولنډ"] (ps); ["Polónia", "Polônia"] (pt); ["Poljska"] (hr); ["Lengyelország"] (hu); ["פוילן"] (yi); ["Լեհաստան"] (hy); ["Orílẹ̀ède Polandi"] (yo); ["Polonia"] (ia); ["Polandia"] (id); ["Pulska", "Pulunya"] (qu); ["Pole"] (af); ["Polonia"] (io); ["Poland"] (ak); ["Pólland"] (is); ["Polonia"] (it); ["ፖላንድ"] (am); ["Polonia"] (an); ["波兰"] (zh); ["بولندا"] (ar); ["ポーランド", "ポーランド共和国"] (ja); ["Polşa"] (az); ["Pologna"] (rm); ["i-Poland"] (zu); ["Polonye"] (rn); ["Polonia", "Полония"] (ro); ["Польша"] (ru); ["Польша", "Польшча"] (be); ["Полша"] (bg); ["Poloni"] (bm); ["Polandia"] (jv); ["পোল্যাণ্ড", "পোল্যান্ড"] (bn); ["ཕོ་ལན্ড"] (bo); ["Polonia"] (br); ["Polonia"] (sc); ["Poljska"] (bs); ["Polen", "Polska"] (se); ["Pölôni"] (sg); ["පෝලන්ඩය"] (si); ["პოლონეთი"] (ka); ["Poľsko"] (sk); ["Poljska"] (sl); ["Poland"] (sn); ["Booland"] (so); ["Polandi"] (ki); ["Poloni", "Polonia"] (sq); ["Polònia"] (ca); ["Пољска"] (sr); ["Польша"] (kk); ["Poleni"] (kl); ["ប៉ូឡូញ"] (km); ["Polen"] (sv); ["ಪೋಲ್ಯಾಂಡ್"] (kn); ["Poland", "Polandi"] (sw); ["폴란드"] (ko); ["Polonya", "پۆلەندە"] (ku); ["Poloni"] (kw); ["போலந்து"] (ta); ["Polsko"] (cs); ["పోలాండ్"] (te); ["Полѣска"] (cu); ["Лаҳистон"] (tg); ["Польша"] (cv); ["ประเทศโปแลนด์", "โปแลนด์"] (th); ["Polonia"] (la); ["ፖላንድ"] (ti); ["Gwlad Pwyl"] (cy); ["Polen"] (lb); ["Polonya", "poland"] (tl); ["Polandi"] (lg); ["Poleni"] (to); ["Pole"] (li); ["Polen"] (da); ["Polonya"] (tr); ["Polen"] (de); ["Poloni"] (ln); ["ໂປແລນ"] (lo); ["Lenkija"] (lt); ["Mpoloni"] (lu); ["Polija"] (lv); ["لەهستان"] (ug); ["Польща"] (uk); ["Pôlôna"] (mg); ["پولینڈ"] (ur); ["Полска"] (mk); ["പോളണ്ട്"] (ml); ["Poland nutome"] (ee); ["Polsha"] (uz); ["पोलंड"] (mr); ["Poland"] (ms); ["Polonja"] (mt); ["Πολωνία"] (el); ["Poland", "Republic of Poland"] (en); ["Polio", "Pollando", "Polujo"] (eo); ["ဲ်ဦဲ"] (my); ["Polonia"] (es); ["Poola"] (et); ["Polonia"] (eu); ["Ba Lan"] (vi); ["Poran"] (na); ["Polen"] (nb); ["Pholandi"] (nd); ["पोल्याण्ड"] (ne); ["Polän"] (vo); ["لهستان", "اقریش"] (fa); ["Polen"] (nl); ["Polen"] (nn); ["Poloñ"] (ff); ["Polen"] (no); ["Puola"] (fi); ["Pólland"] (fo); ["Pologne"] (fr); ["Poalen"] (fy); ["Polonha"] (oc); ["An Pholainn"] (ga); ["A Phòlainn"] (gd); ["ଓପୋଲାଣ୍ଡ"] (or); ["Польшæ"] (os); ["Polonia", "Polonia - Polska"] (gl); ["Polóña"] (gn); ["પોલેંડ"] (gu); ["Yn Pholynn"] (gv); ["Polan"] (ha); ["Polska", "Rzeczpospolita Polska"] (pl); ["פולין"] (he);



Media Metadata

Title	**Mistrzostwa Polski w żeglarstwie**
Description	Żaglówki pływające po Bałtyku podczas rozgrywanych Mistrzostw Polski w żeglarstwie.
People	**Contributor:** Polska Agencja Telegraficzna
Classifications	**Type:** Newsreel **Subject:** Bałtyk , 1935 , żaglówka , regaty , morze , kronika , sport , Sport
Properties	**Language:** pl
Time	**Date:** 20-th , 20th , 20th century **Creation Date:** 1935

Location: Bałtyk , Poland , Republic of Poland



BAŁTYK 52.0° North, 20.0° East

Entities

SUBJECTS, RESOURCE TYPES, GENRES AND FORMS (CONCEPTS)

TIME SPANS AND DATES (TIMESPAN)

PLACE NAMES (PLACES)

CC-BY-SA

Trompe L'oeil. Board Partition with letter rack and music book
Cornelius Nobertus Gijsbrechts, 1618
NaStatens Museum for Kunst, Denmark
CC0

Supporting documentation for quality recommendations

Metadata Quality - first steps

→ Report and Recommendations from the Task Force on Metadata Quality

Task Force Chair: Marie-Claire Dangerfield (EF)
Task Force Co-Chair: Lisette Kalshoven (KL)
December 2013 - May 2015.

Metadata quality is controlled by a set of processes which ensures that cultural heritage objects can be identified, discovered and seen in context by audiences, in a manner appropriate to the context in which the data provider created them. Metadata must include information on the potential re-use of cultural heritage objects.

[Metadata Quality Task Force Report]
Europeana Pro | CC-BY-SA

Publishing Guide, Publishing Framework, et al.

Europeana Content Strategy

Our new Content Strategy will help our organisation and partners to identify what kind of content we need to expand, what content we need to restrain, and who takes ownership of the decision making process.

SEE MORE

Publishing Framework

The Europeana Publishing Framework makes it easy for you, our data partners, to see how the quality of the metadata and content you provide affects how we can surface, showcase and promote it on Europeana Collections and beyond, and how others can view it, share it and work with it.

SEE MORE

Europeana Publishing Guide

The Europeana Publishing Guide is a resource for data partners who share collections with Europeana. It outlines the minimum metadata required to incorporate your data in Europeana.

SEE MORE

Europeana Publishing Guide structures the **relationship** between Europeana and its data providers (rights on metadata and content)

Europeana Publishing Framework defines recommandations for high-quality **content** and encourage institutions to **open** their data (EDM mandatory elements, accurate rights labels, direct links to object/hires images)

Documentation for Existing provider

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Task Forces & Working Groups

TASK FORCE

22 May 2018 - 31 December 2018

By Gregory Markus

Creation and Governance of EDM mappings, profiles and extensions

Data publication Academic Research EuropeanaTech

The Task Force aims to set principles of a future governance model for EDM mappings, profiles and extensions.

VIEW PROJECT

WORKING GROUP

1 August 2017

By Adina Ciocoiu

By Antoine Isaac

Data Quality Committee

Data standards Cultural Heritage Institutions

Quality is a key priority for our whole community! The Data Quality Committee works to address key data quality issues over time. The Data Quality Committee is a EuropeanaTech Working Group

VIEW PROJECT

WORKING GROUP

20 August 2017

By Julia Fallon

Copyright Policy Working Group

Legal standards Cultural Heritage Institutions copyrightreform

The aim of this working group is to work together with those actively engaged in copyright and make sure we align everyone's interests wherever possible.

VIEW PROJECT

[Europeana Network Association – Task Forces](#)

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Europeana Pro - go explore or reach out

About Our priorities Latest events

NEWS

How can online tools promote historical thinking? A teacher training guide now available

Trip report: International Semantic Web Conference 2018

How to bring digital cultural heritage to 3D design and virtual reality

[Europeana Pro homepage](#)
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2018
EUROPEAN YEAR OF CULTURAL HERITAGE
#EuropeForCulture

The Music Lesson
Louis Moritz
1808, Rijksmuseum
Netherlands, Public Domain

europeana
10th ANNIVERSARY

adina.ciocoiu@europeana.eu
22 November 2018

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