Integration of survey data using the CIDOC-CRM

Athanasios Velios @a_velios

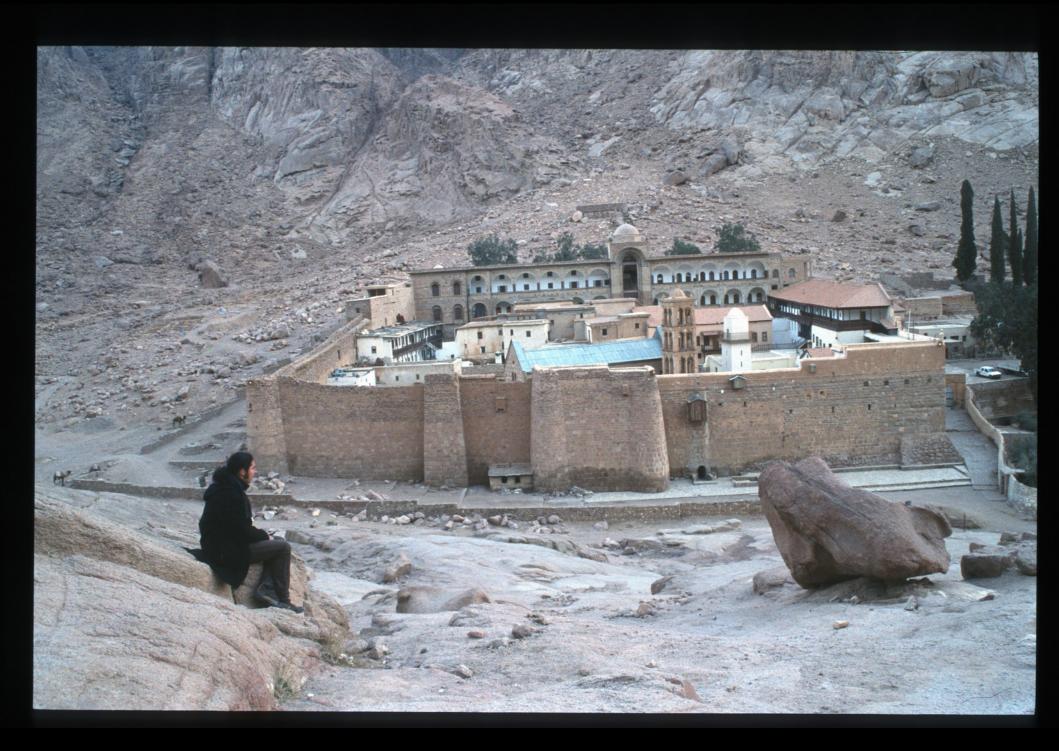
4 April 2019

National Museum Wales













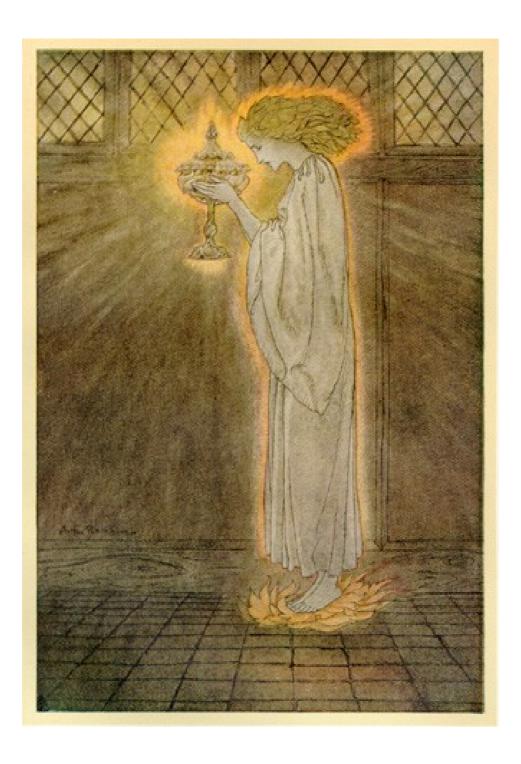






. SPINE			3. SPINE CONDITIO	N	
ADHESIVE No Yes NK S	2. Spine & jo	al) JOINTS	Extent	/E □ NA □ Sound □ Loss of adhes	
Adhesive type Animal Starch NK	Flat Slight round Round Heavy round	Angled	Extent Severity	□ Cracked □ Rodent damag □ Insect damage □ Mould damag	Other
, LINING No Yes NK Overall Transverse Comb Panel	LINING MAT Parchme Paper Textile Tanned s Tawed sk	nt Plain MS Printed kin Decorated	☐ Inside boards ☐ Outside boards ☐ NK	Extent L	Missing Sound Spine detach eft Right Extent Split at joint Lifted from bds
H&T only NK Other	Colour				Mechanical damage Rodent damage Insect damage Mould damage Other
No. of layers	1st	2nd	3rd reek Western Isla	J Other □	Missing
Tawed NK Other	cross section	PRIMARY Plain thread Silk Metal thread NK Other	No bead No front bead Reversing twist Greek, single core Greek, double core Warps only NK Other	Colours 1 2 3	Back
OARD ATTACH None Sev Laced Sev Adhered NK	vn & recessed	SECONDARY None Plain thread		ours	Hoost Assessment Asses
O, OF TIEDOWNS Every gathering Frequent Infrequent	S	Silk Metal thread Stuck-on NK Other	3 4 5	Extra stuck-on fo	j j
ENDBAND COND Slips detached from board	Extent	Sound Loose Missin Tiedowns pulled of Primary broken Secondary broken	out from board L	Extent	Sound Loose Missing Tiedowns pulled out Primary broken Secondary broken
Slip(s) broken	H	Warps broken	Slip(s) broken		Warps broken

leaves Ink and pigment	Survey log Dimensions Operations Spine Serving Edges Boards Spine	pening characteristics Markers Inserted material Endbands Coverings Furniture and fastenings Additional notes
nd pigments		
		The state of the s
		Add (Copy * Delete
single ink or pigment		
List of editions that the ink is observ	red	
edition number		Add Copy * Delete
		Г
	edition number	
List of locations that the ink has bee		
List or locations triat the list has bee	TI LOSO	∰ Add ি Copy
		Add Copy * Delete
single location that the inl	k is observed	
	endeaves	■ 「
Charles location that the	k te abranuad	
single location that the ini	NC NC	<u> </u>
single location that the inl		
	NC	■ □
use		
	NC	_
colour		
CVIO		
List of conditions		
		∰ Add ি Copy
		E now Glady Control
🐿 single condition observed		
	NC	■ □
single ink or pigment		
List of editions that the ink is observ	red	
List of editions that the ink is observ	red	Add Copy # Delete
List of editions that the ink is observ		Г
List of editions that the ink is observ	edition number	
List of editions that the ink is observ		Г
List of editions that the ink is observ	edition number	Г
List of editions that the ink is observed in	edition number	Г
List of editions that the ink is observedition number List of locations that the ink has bee	edition number	<u> </u>
List of editions that the ink is observed in	edition number In used	Add Copy St Delete
List of editions that the ink is observedition number List of locations that the ink has bee	edition number	☐ Add C Copy \$ Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered that the ink has been considered that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation.	edition number In used	Add Copy St Delete
List of editions that the ink is observedition number List of locations that the ink has bee	edition number in used k is observed	Add Copy St Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered that the ink has been considered that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation.	edition number In used	Add Copy St Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered	edition number in used k is observed	Add Copy St Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered	edition number in used k is observed	Add Copy St Delete
List of editions that the ink is observed the ink is observed to include the ink is observed to include the ink has been simple location that the ink has been simple location that the ink use	edition number in used k is observed	Add Copy # Delete
List of editions that the ink is observed the ink is observed to include the ink is observed to include the ink has been simple location that the ink has been simple location that the ink use	edition number in used k is observed	Add Copy % Delete
List of editions that the ink is observed the ink is observed the ink is observed to include the ink has been simple for a single for attending the ink has been single for attending to the ink has been single f	edition number In used K is observed NC	Add Copy # Delete
List of editions that the ink is observed the ink is observed to include the ink is observed to include the ink has been simple location that the ink has been simple location that the ink use	edition number In used K is observed NC	Add Copy St Delete
List of editions that the ink is observed to include the ink is observed to include the ink has been single location that the ink has been single	edition number In used K is observed NC	Add Copy % Delete
List of editions that the ink is observed the ink is observed the ink is observed to include the ink has been simple for a single for attending the ink has been single for attending to the ink has been single f	edition number In used In it is observed INC INC	TASS Copy % Delete



Sangreal. Arthur Rackham



For instance:

 After what century is paper used instead of parchment in books?

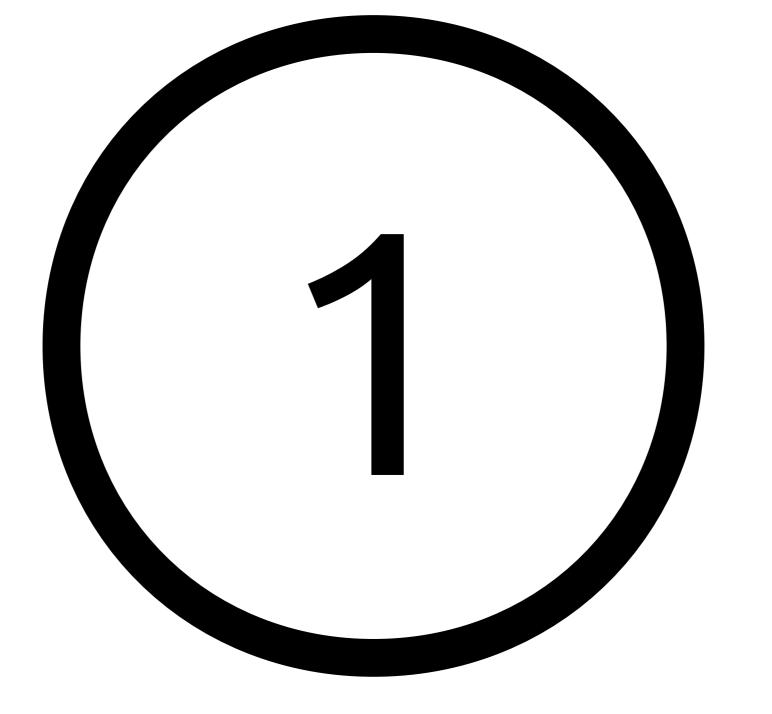
For instance:

- After what century is paper used instead of parchment in books?
- After what [period] is [material A] used instead of [material B] in [objects/components of type A]?

Possible questions

- History of the technology of objects (materials and techniques)
- Evaluating environment management based on condition surveys
- Assessing the use of new materials and techniques for treatment
- Identifying trends in the work of conservators
- Communicating conservation work to new audiences





Field matching

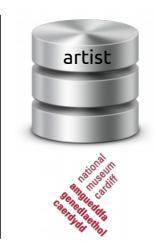
. SPINE			3. SPINE CONDITIO	N	
ADHESIVE No Yes NK S	2. Spine & jo	al) JOINTS	Extent	/E □ NA □ Sound □ Loss of adhes	
Adhesive type Animal Starch NK	Flat Slight round Round Heavy round	Angled	Extent Severity	□ Cracked □ Rodent damag □ Insect damage □ Mould damag	Other
, LINING No Yes NK Overall Transverse Comb Panel	LINING MAT Parchme Paper Textile Tanned s Tawed sk	nt Plain MS Printed kin Decorated	☐ Inside boards ☐ Outside boards ☐ NK	Extent L	Missing Sound Spine detach eft Right Extent Split at joint Lifted from bds
H&T only NK Other	Colour				Mechanical damage Rodent damage Insect damage Mould damage Other
No. of layers	1st	2nd	3rd reek Western Isla	J Other □	Missing
Tawed NK Other	cross section	PRIMARY Plain thread Silk Metal thread NK Other	No bead No front bead Reversing twist Greek, single core Greek, double core Warps only NK Other	Colours 1 2 3	Back
OARD ATTACH None Sev Laced Sev Adhered NK	vn & recessed	SECONDARY None Plain thread		ours	Hoost Assessment Asses
O, OF TIEDOWNS Every gathering Frequent Infrequent	S	Silk Metal thread Stuck-on NK Other	3 4 5	Extra stuck-on fo	j j
ENDBAND COND Slips detached from board	Extent	Sound Loose Missin Tiedowns pulled of Primary broken Secondary broken	out from board L	Extent	Sound Loose Missing Tiedowns pulled out Primary broken Secondary broken
Slip(s) broken	H	Warps broken	Slip(s) broken		Warps broken

leaves Ink and pigment	Survey log Dimensions Operations Spine Serving Edges Boards Spine	pening characteristics Markers Inserted material Endbands Coverings Furniture and fastenings Additional notes
nd pigments		
		The state of the s
		Add (Copy * Delete
single ink or pigment		
List of editions that the ink is observ	red	
edition number		Add Copy * Delete
		Г
	edition number	
List of locations that the ink has bee		
List or locations triat the list has bee	TI LOSO	∰ Add ি Copy
		Add Copy * Delete
single location that the inl	k is observed	
	endeaves	■ 「
Charles location that the	k te abranuad	
single location that the ini	NC NC	<u> </u>
single location that the inl		
	NC	■ □
use		
	NC	_
colour		
CVIO		
List of conditions		
		∰ Add ি Copy
		E now Glady Control
🐿 single condition observed		
	NC	■ □
single ink or pigment		
List of editions that the ink is observ	red	
List of editions that the ink is observ	red	Add Copy # Delete
List of editions that the ink is observ		Г
List of editions that the ink is observ	edition number	
List of editions that the ink is observ		Г
List of editions that the ink is observ	edition number	Г
List of editions that the ink is observed in	edition number	Г
List of editions that the ink is observedition number List of locations that the ink has bee	edition number	<u> </u>
List of editions that the ink is observed in	edition number In used	Add Copy St Delete
List of editions that the ink is observedition number List of locations that the ink has bee	edition number	☐ Add C Copy \$ Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered that the ink has been considered that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation.	edition number In used	Add Copy St Delete
List of editions that the ink is observedition number List of locations that the ink has bee	edition number in used k is observed	Add Copy St Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered that the ink has been considered that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation that the ink has been considered to be simple focation.	edition number In used	Add Copy St Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered	edition number in used k is observed	Add Copy St Delete
List of editions that the ink is observed that the ink is observed that the ink has been considered	edition number in used k is observed	Add Copy St Delete
List of editions that the ink is observed the ink is observed to include the ink is observed to include the ink has been simple location that the ink has been simple location that the ink use	edition number in used k is observed	Add Copy # Delete
List of editions that the ink is observed the ink is observed to include the ink is observed to include the ink has been simple location that the ink has been simple location that the ink use	edition number in used k is observed	Add Copy % Delete
List of editions that the ink is observed the ink is observed the ink is observed to include the ink has been simple for a single for attending the ink has been single for attending to the ink has been single f	edition number In used K is observed NC	Add Copy # Delete
List of editions that the ink is observed the ink is observed to include the ink is observed to include the ink has been simple location that the ink has been simple location that the ink use	edition number In used K is observed NC	Add Copy St Delete
List of editions that the ink is observed to include the ink is observed to include the ink has been single location that the ink has been single	edition number In used K is observed NC	Add Copy % Delete
List of editions that the ink is observed the ink is observed the ink is observed to include the ink has been simple for a single for attending the ink has been single for attending to the ink has been single f	edition number In used In it is observed INC INC	TASS Copy % Delete



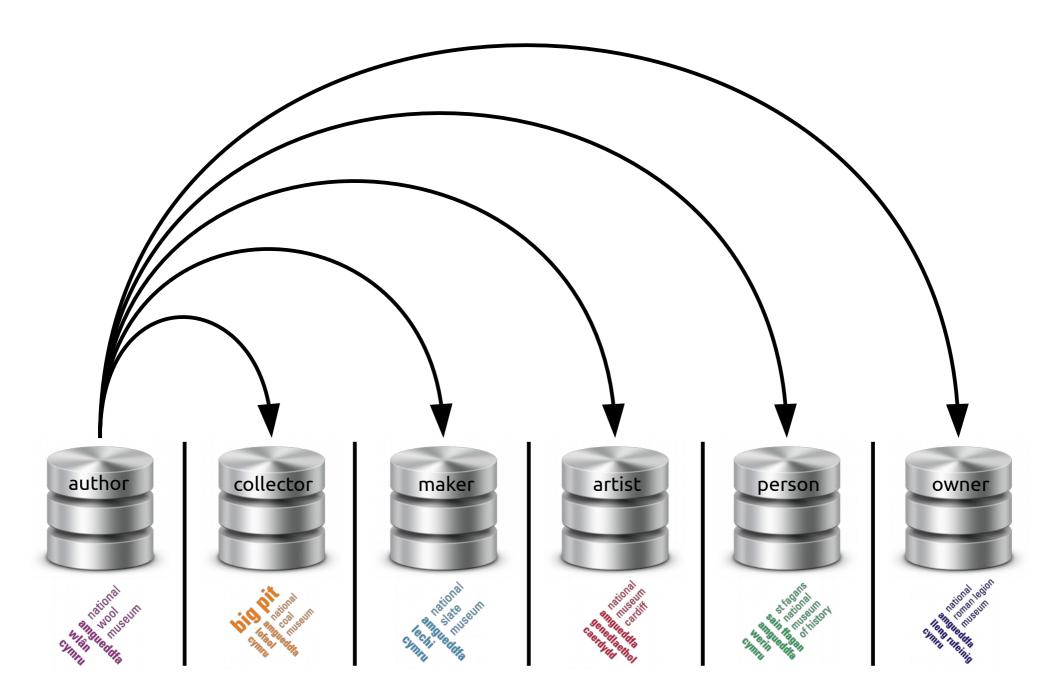


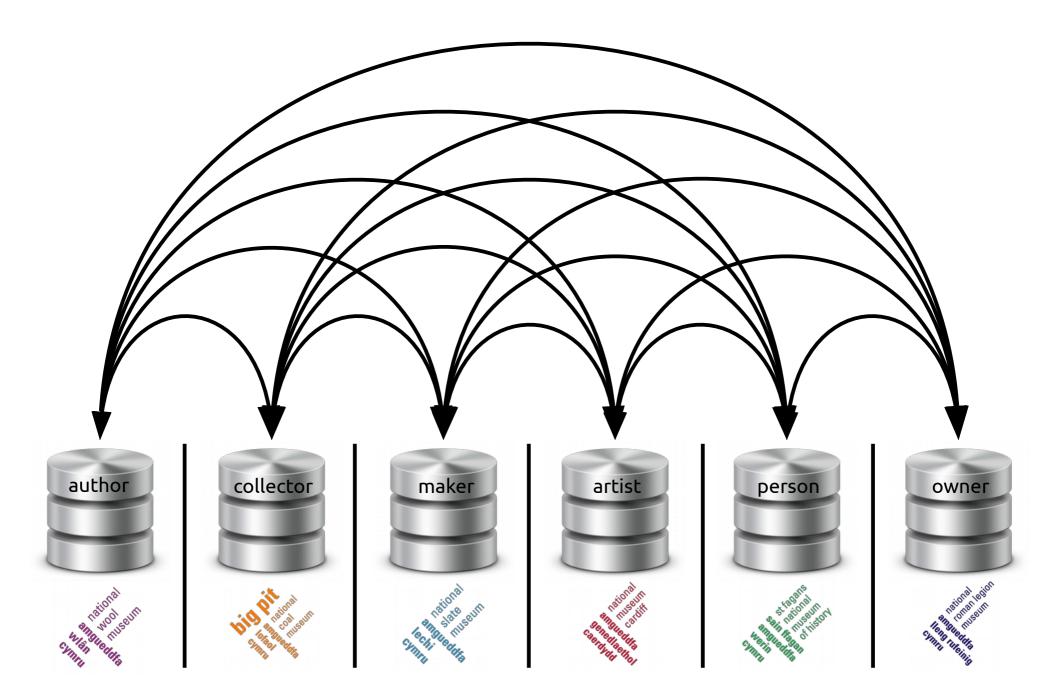


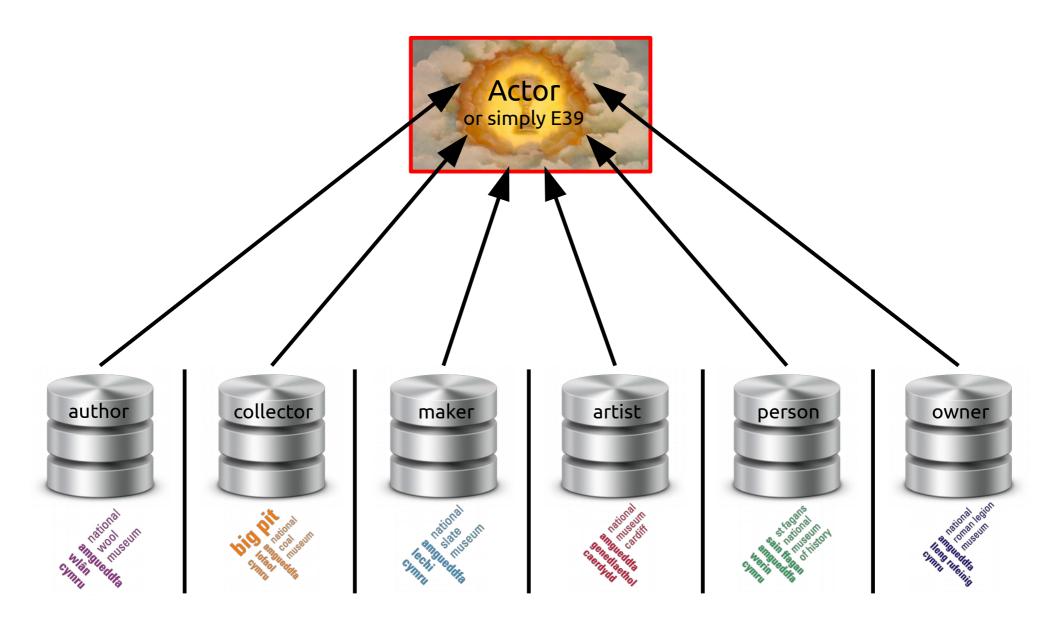












ontology Actor or simply E39 collector author maker artist person owner Charle dolla China didicate



Main page Contents Featured content Current events Random article Donate to Wikipedia Wikipedia store

Interaction Help About Wikipedia Community portal Recent changes Contact page

Tools

What links here Related changes Upload file Special pages Permanent link Page information Wikidata item Cite this page

Print/export Create a hook Article Talk

Read Edit View history

Search Wikipedia

Q

Ontology (information science)

From Wikipedia, the free encyclopedia

"Knowledge graph" redirects here. For the Google knowledge base, see Knowledge Graph. For other uses, see Knowledge engine (disambiguation).

This article is about ontology in information science. For the study of the nature of being, see Ontology.

In computer science and information science, an **ontology** is a formal naming and definition of the types, properties, and interrelationships of the entities that really or fundamentally exist for a particular domain of discourse. It is thus a practical application of philosophical ontology, with a taxonomy.

An ontology compartmentalizes the variables needed for some set of computations and establishes the relationships between them.[1][2]

The fields of artificial intelligence, the Semantic Web, systems engineering, software engineering, biomedical informatics, library science, enterprise bookmarking, and information architecture all create ontologies to limit complexity and to organize information. The ontology can then be applied to problem solving.

Contents [hide]

Information science

General aspects

Information access • Information architecture Information management Information retrieval Information seeking • Information society Knowledge organization · Ontology · Taxonomy Philosophy of information Science, technology and society

Related fields and sub-fields

Bibliometrics • Categorization Censorship · Classification Computer data storage · Cultural studies Data modeling • Informatics Information technology Intellectual freedom Intellectual property · Memory Library and information science

Main page

Ontology (information science)

From Wikipedia, the free encyclopedia

"Knowledge graph" redirects here. For the Google knowledge base, see Knowledge Graph. For other uses, see Knowledge engine (disambiguation).

This article is about ontology in information science. For the study of the nature of being, see Ontology.

In computer science and information science, an **ontology** is a formal naming and definition of the types, properties, and interrelationships of the entities that really or fundamentally exist for a particular domain of discourse. It is thus a practical application of philosophical ontology, with a taxonomy.

An ontology compartmentalizes the variables needed for some set of computations and establishes the relationships between them.[1][2]

The fields of artificial intelligence, the Semantic Web, informatics, library science, enterprise bookmarking, and information architecture all create ontologies to limit complexity and to organize information. The ontology can then be applied to problem solving.

Contents [hide]

Information science

General aspects

Knowledge organization · Ontology ·

Related fields and sub-fields



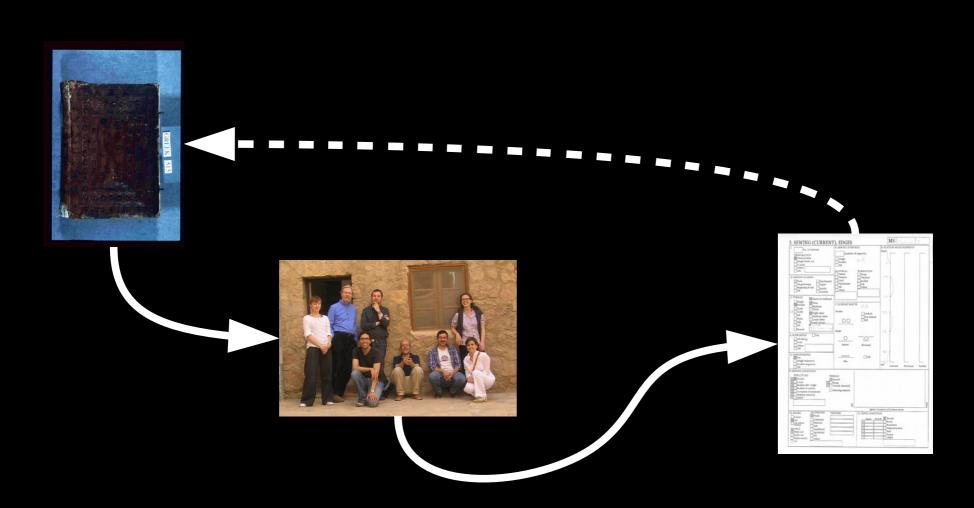








5. SEWING (CURRENT	6. SEWING SEPPORTS	The sec		WENT?
No. of marions PARPARATION PROVIDED TOOL Disagle loads out Vinite NX	Sunber of appoint	ns. hos		muniii
2. SENTING CELARIS State Control Contro	Brance Br	risted ded for		
3. TREATO Disignate Double Dou	Trulle [Childred State Stated Sex Stated		
LESPORTED TYPE Albeing Doe Other NX				
S. DOSCIPPOSITIO Tos Single sequence Double sequence SX	Fise .	□xx ed	L	relina
Brown Brow	EEAD Sound Read Read Read Read Read Read Read Rea	ton tent E	of broken areas	
Car below Patend Carboned Carboned Carbone Carbone Carbone Carboned Carbone			Score Sconded Stated solled Soll Falled Other	









lome The Model Activities Resources News

Search

Q

What's New?

Meeting on 24 - 26 February, 2016

International Journal on Digital Librari...

New version of the CRMgeo (version 1.2)...

Choose a shortcut:

Last official release
Current version
CIDOC CRM Tutorial
CIDOC CRM Web site design related
documents

Compatible models & Collaborations >>

Login for editing

Username *

Home

What is the CIDOC CRM?

The CIDOC Conceptual Reference Model (CRM) provides definitions and a formal structure for describing the implicit and explicit concepts and relationships used in cultural heritage documentation.

The CIDOC CRM is intended to promote a shared understanding of cultural heritage information by providing a common and extensible semantic framework that any cultural heritage information can be mapped to. It is intended to be a common language for domain experts and implementers to formulate requirements for information systems and to serve as a guide for good practice of conceptual modelling. In this way, it can provide the "semantic glue" needed to mediate between different sources of cultural heritage information, such as that published by museums, libraries and archives.

The CIDOC CRM is the culmination of over 10 years work by the CIDOC Documentation Standards Working Group and CIDOC CRM SIG which are working groups of CIDOC. Since 9/12/2006 it is official standard ISO 21127:2006.

Who we are

Over many years, CIDOC and the CIDOC Documentation Standards Working Group (DSWG)have engaged in the creation of a general data model for museums, with a particular focus on information interchange. Until 1994 the product of these activities had been the CIDOC Relational Data Model. In the interim meeting in March 1996 in Crete, the DSWG decided to engage in an object-oriented approach in order to benefit from its expressive power and extensibility for dealing with the necessary diversity and complexity of data structures in the domain. This effort resulted in 1999 in the first complete edition of the "CIDOC Conceptual Reference Model" (CRM), a product of the intensive voluntary work of a variety of

contribute a means in the rr in **Londo** ISO, in co create an recomme working

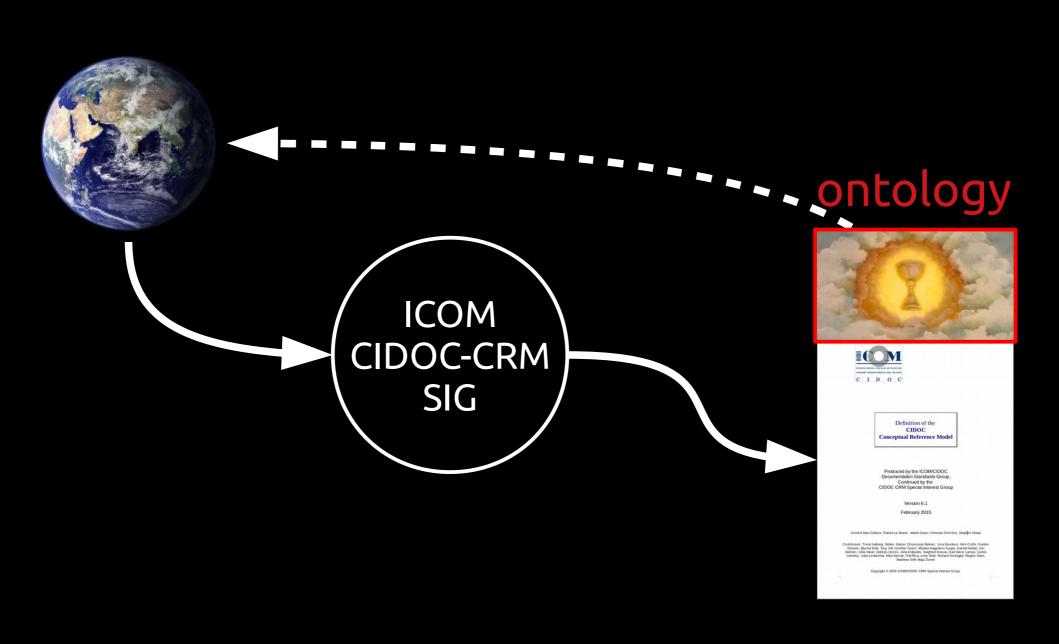


ization.
iority to
ational
ited as
Since

RM as

gration

9/12/2006 it is uniciai stanuaru 130 21127.2000.



FRBR.00

Functional Requirements for Bibliographic Records

CRMsci

Scientific observation model

CRM_{tex}

Model for the study of ancient texts

PRESS...

Modeling of bibliographic information

CRMgeo

Spatiotemporal model

CRMinf

Argumentation model

CRM_{dig}

Model for provenance metadata

CRMarchaeo

Excavation model

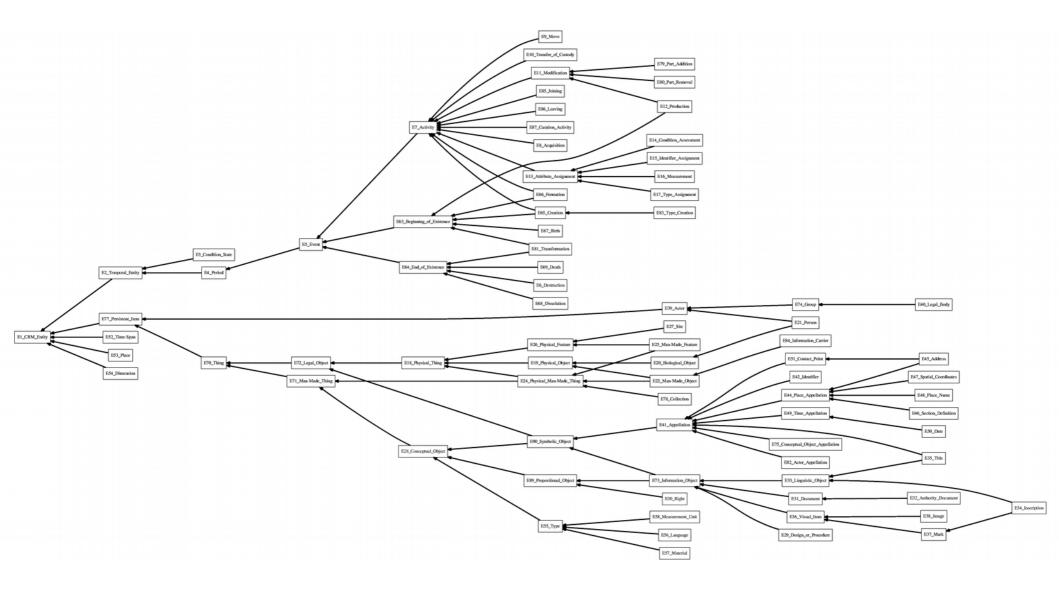
CRM_{ba}

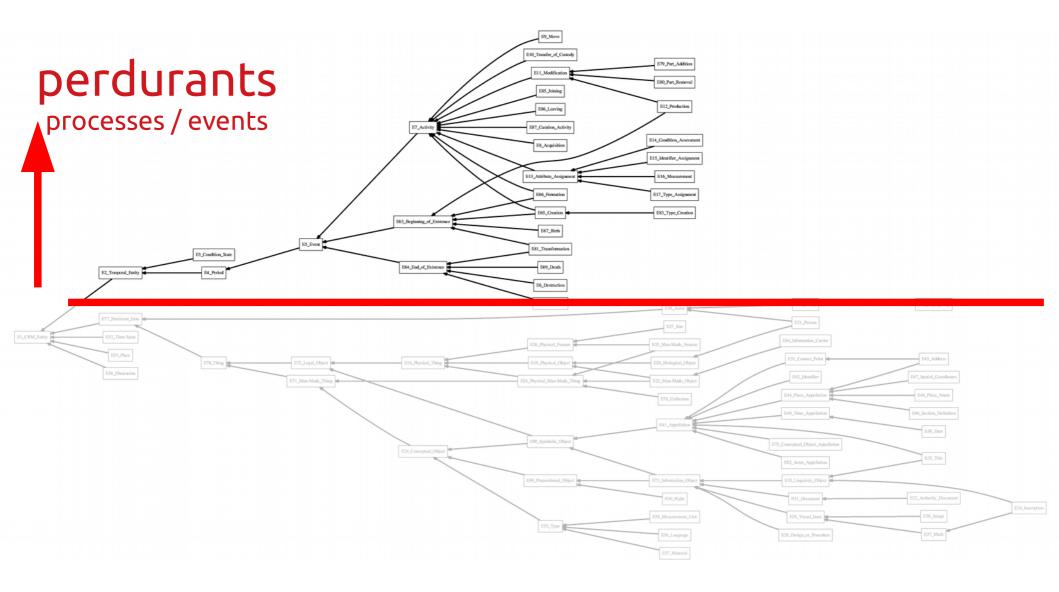
Model for Archaeological Buildings

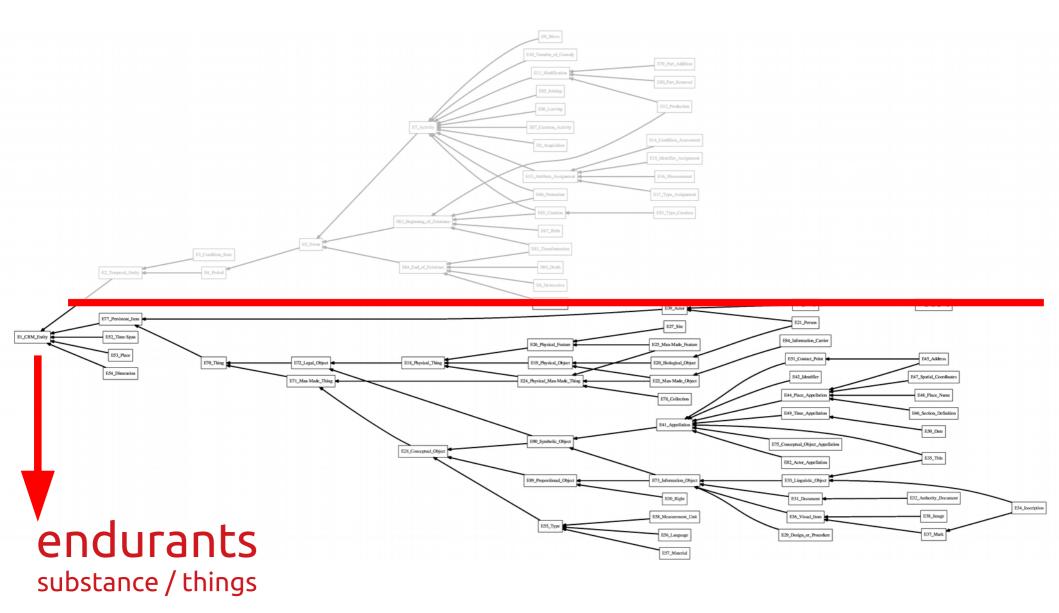
+CRMsoc

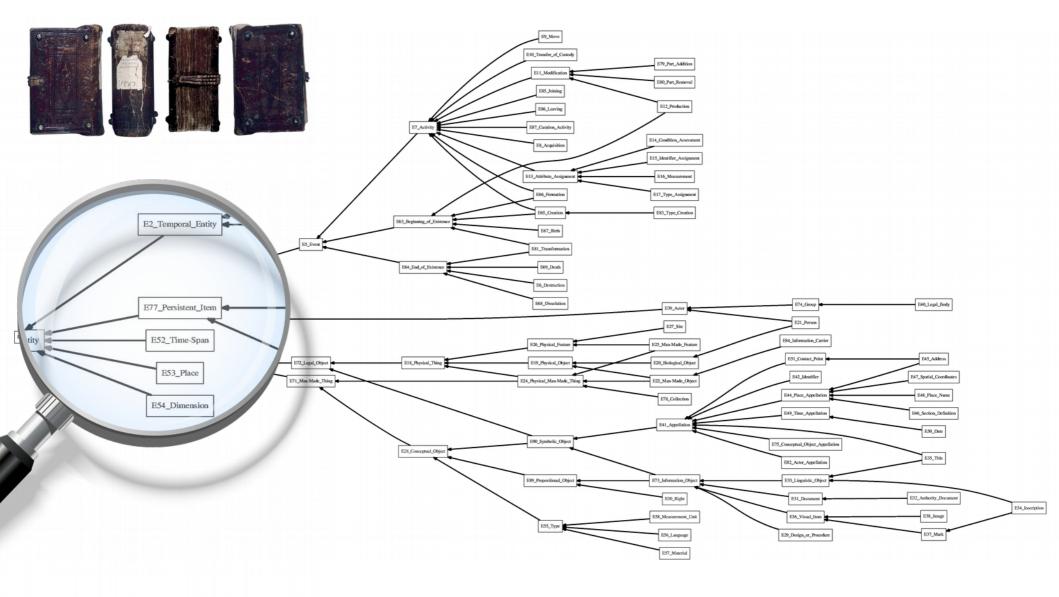


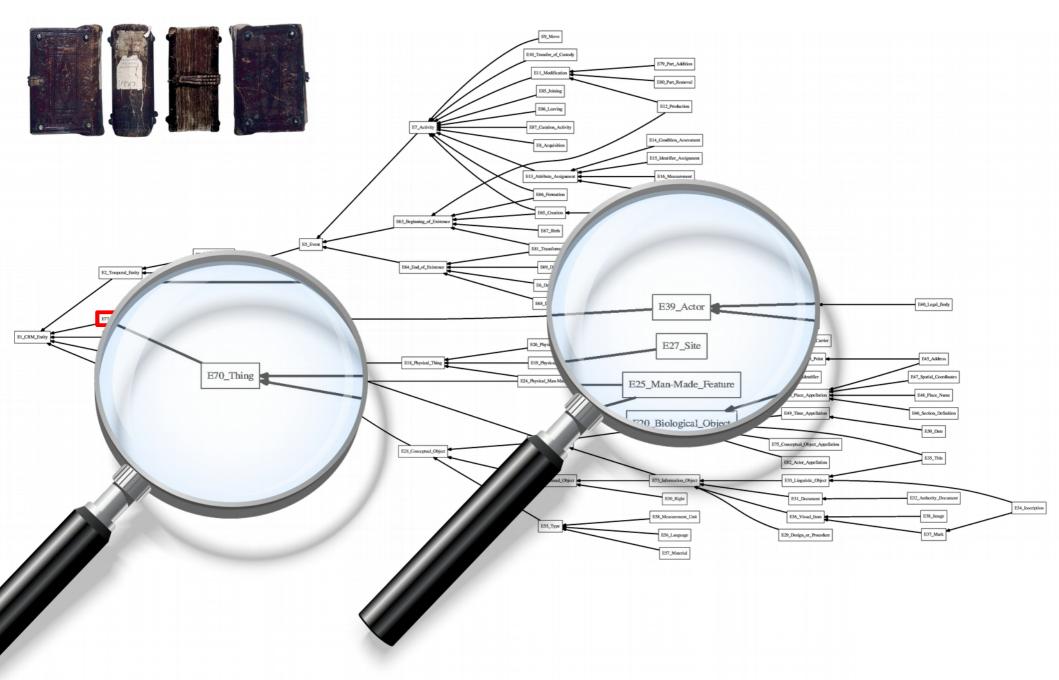
Choosing classes and properties

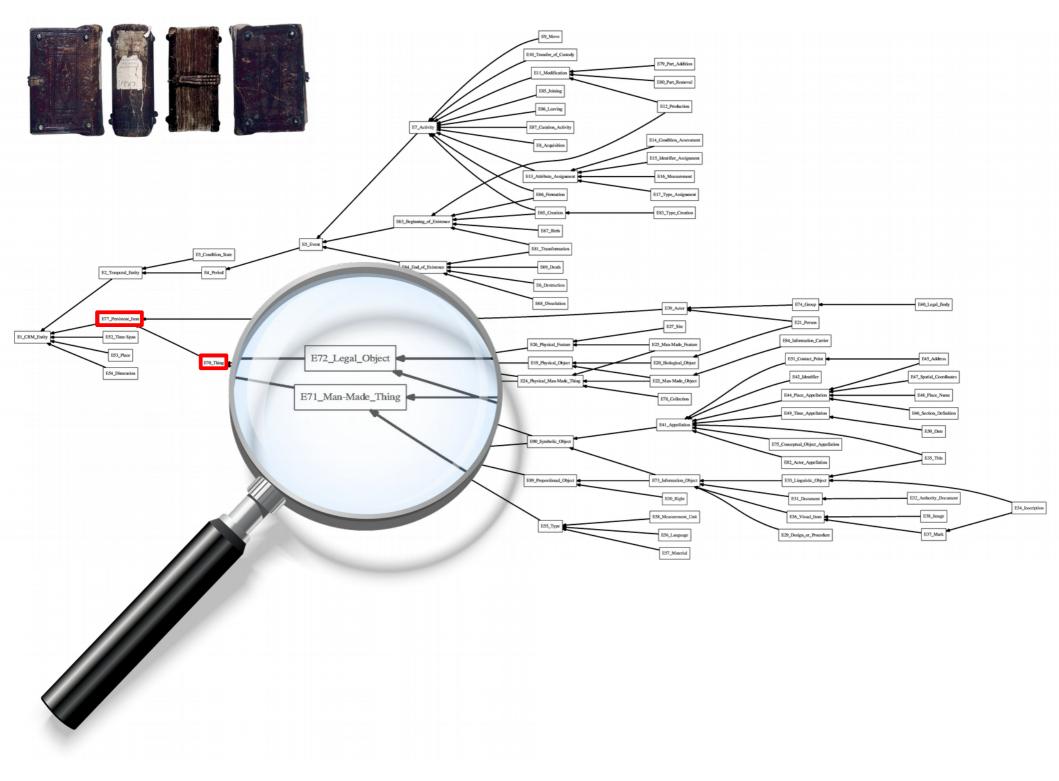


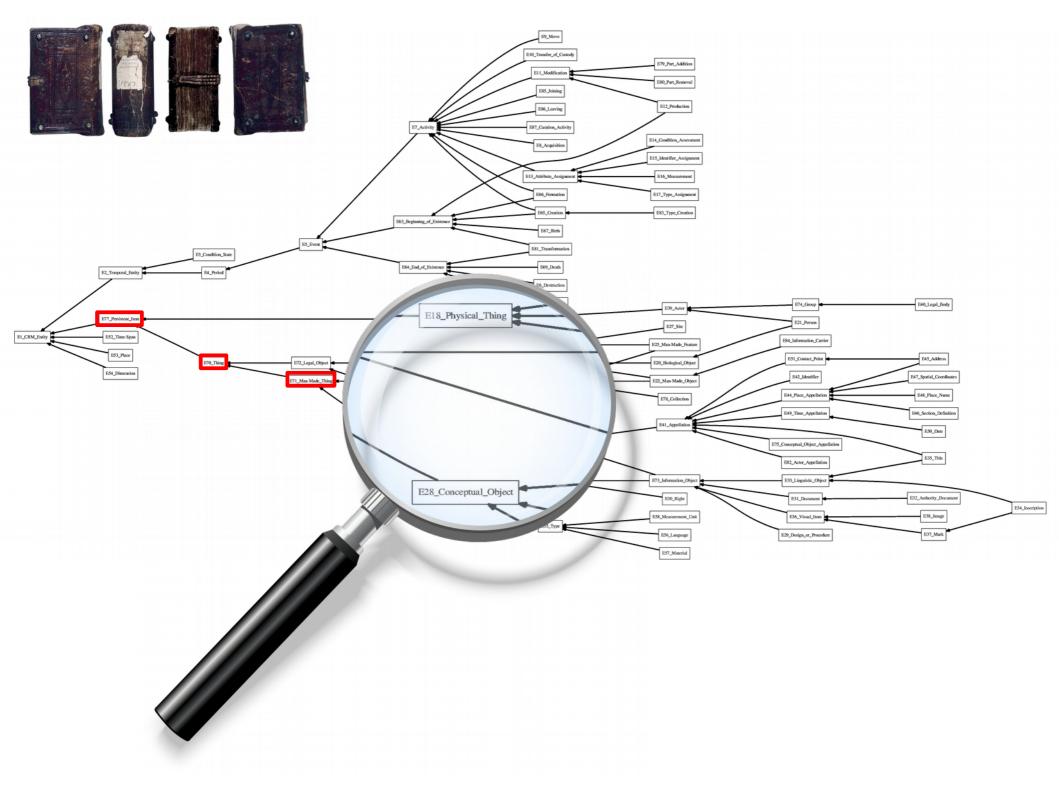


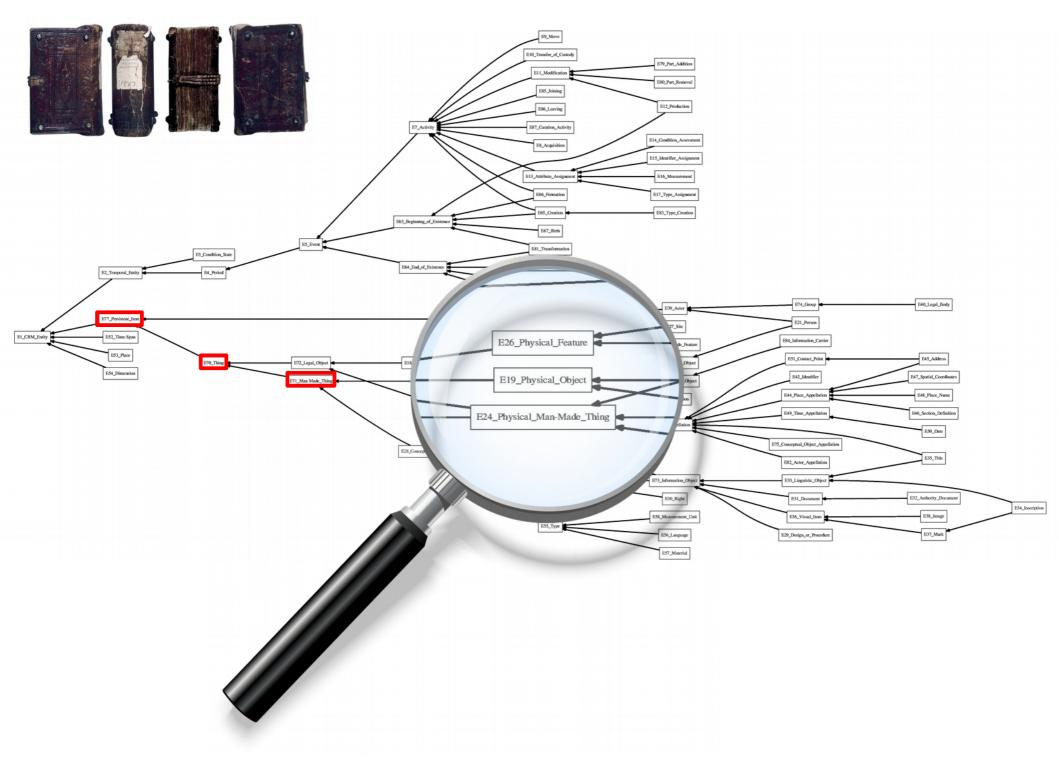


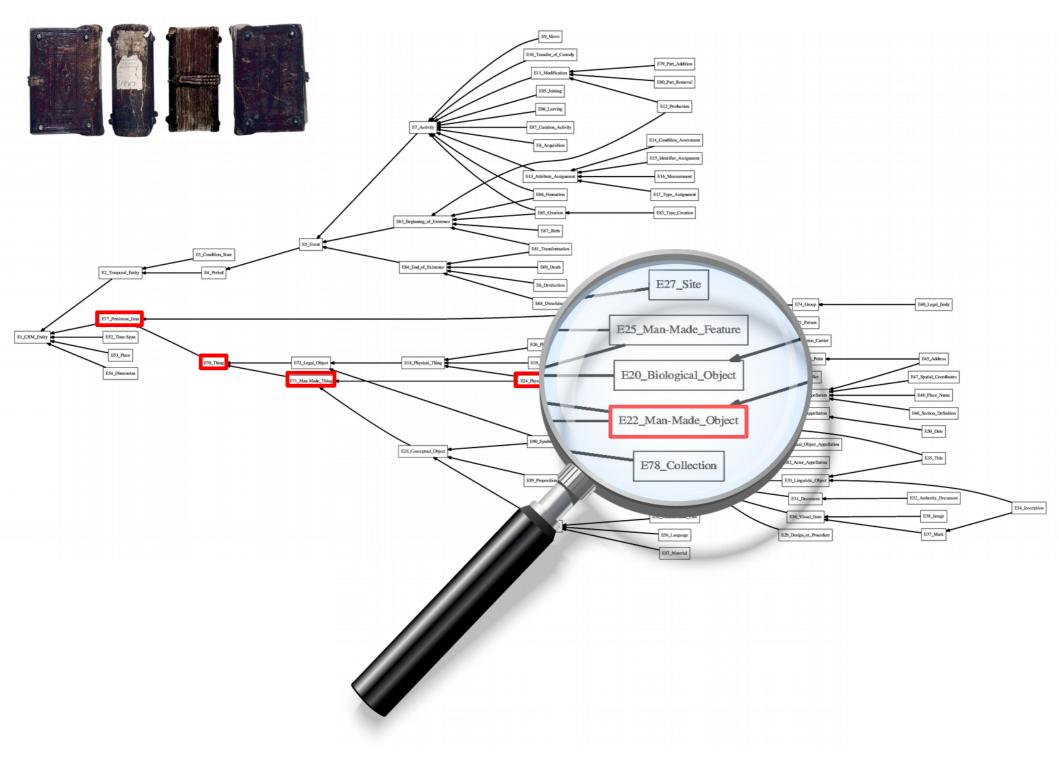












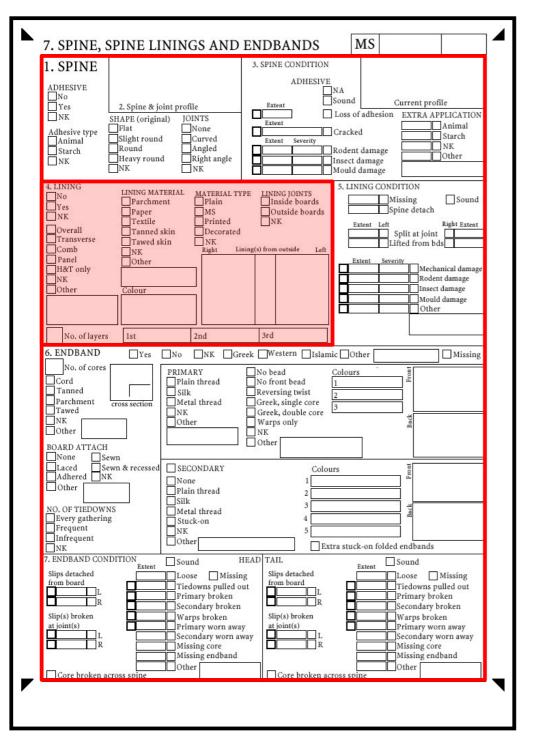
Scope note:

This class comprises physical objects purposely created by human activity.

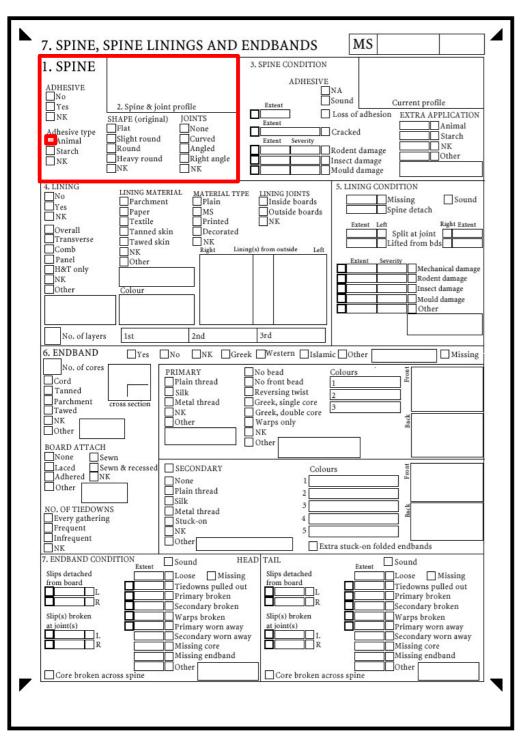
No assumptions are made as to the extent of modification required to justify regarding an object as man-made. For example, an inscribed piece of rock or a preserved butterfly are both regarded as instances of E22 Man-Made Object.

Examples:

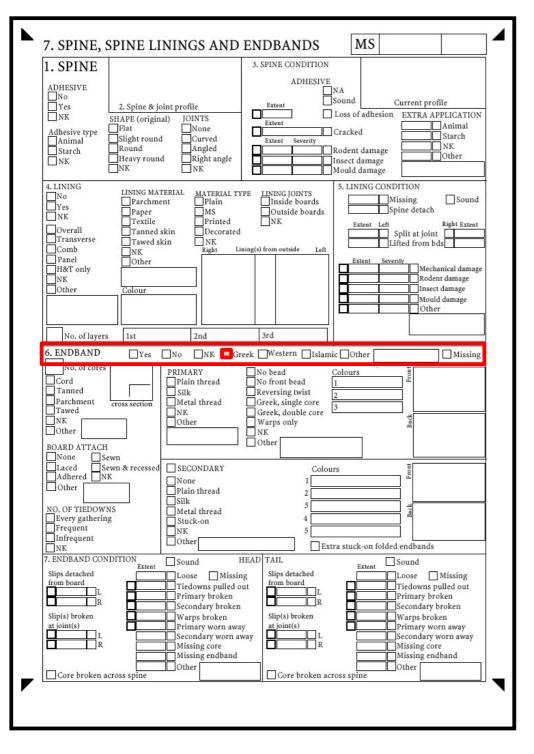
Mallard (the World's fastest steam engine) the Portland Vase the Coliseum



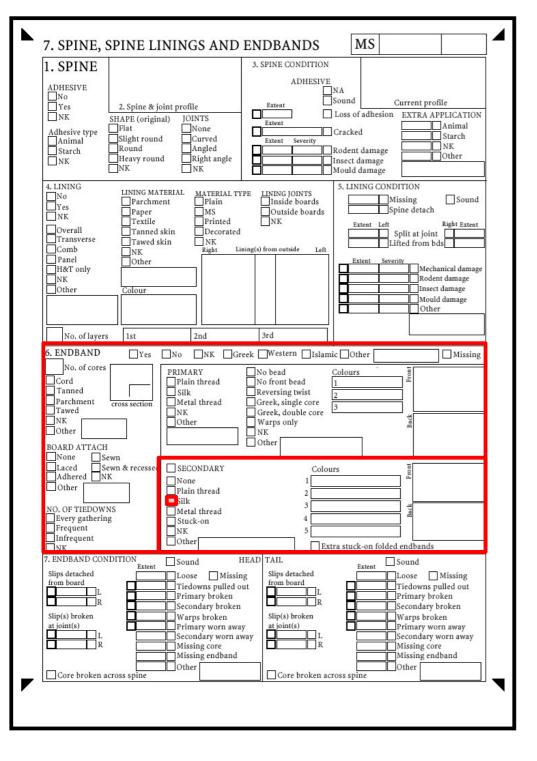
• lining part of spine



- lining part of spine
- spine adhesive has type animal



- lining part of spine
- spine adhesive has type animal
- endband has technique Greek



- lining part of spine
- spine adhesive has type animal
- endband has technique Greek
- secondary thread has material silk

Implied relationships → CRM properties

- lining part of spine
- spine adhesive has type animal
- endband has technique Greek
- secondary thread has material silk

- lining crm:P46_forms_part_of spine
- spine adhesive crm:P2_has_type animal
- making of endband crm:P32_used_general_technique Greek
- secondary thread crm:P45_consists_of silk

Scope note:

This class comprises physical objects purposely created by human activity.

No assumptions are made as to the extent of modification required to justify regarding an object as man-made. For example, an inscribed piece of rock or a preserved butterfly are both regarded as instances of E22 Man-Made Object.

Examples:

Mallard (the World's fastest steam engine) the Portland Vase the Coliseum

Scope Note:

This class comprises all persistent physical items that are purposely created by human activity.

This class comprises man-made objects, such as a swords, and man-made features, such as rock art. No assumptions are made as to the extent of modification required to justify regarding an object as man-made. For example, a "cup and ring" carving on bedrock is regarded as instance of E24 Physical Man-Made Thing.

Examples:

the Forth Railway Bridge (E22)
the Channel Tunnel (E25)
the Historical Collection of the Museum Benaki in
Athens (E78)

E24 Physical Man-Made Thing

P62 depicts: E1 CRM Entity

P65 shows visual item: E36 Visual Item

P62 depicts: E1 CRM Entity

P65 shows visual item: E36 Visual Item

E18 Physical Thing	P44 has condition: E3 Condition State P45 consists of: E57 Material P46 is composed of: E18 Physical Thing P49 has former or current keeper: E39 Actor P50 has current keeper: E39 Actor P51 has former or current owner: E39 Actor P52 has current owner: E39 Actor P53 has former or current location: E53 Place P128 carries: E90 Symbolic Object P156 occupies: E53 Place
E24 Physical Man-Made Thing	P62 depicts: E1 CRM Entity P65 shows visual item: E36 Visual Item
E22 Man-Made Object	

P44 has condition: E3 Condition State

P45 consists of: E57 Material

P46 is composed of: E18 Physical Thing

P49 has former or current keeper: E39 Actor

P50 has current keeper: E39 Actor

P51 has former or current owner: E39 Actor

P52 has current owner: E39 Actor

P53 has former or current location: E53 Place

P128 carries: E90 Symbolic Object

P156 occupies: E53 Place

P62 depicts: E1 CRM Entity

P65 shows visual item: E36 Visual Item

E72 Legal object	P104 is subject to: E30 Right P105 right held by: E39 Actor				
E18 Physical Thing	P44 has condition: E3 Condition State P45 consists of: E57 Material P46 is composed of: E18 Physical Thing P49 has former or current keeper: E39 Actor P50 has current keeper: E39 Actor P51 has former or current owner: E39 Actor P52 has current owner: E39 Actor P53 has former or current location: E53 Place P128 carries: E90 Symbolic Object P156 occupies: E53 Place				
E24 Physical Man-Made Thing	P62 depicts: E1 CRM Entity P65 shows visual item: E36 Visual Item				
E22 Man-Made Object					

P104 is subject to: E30 Right P105 right held by: E39 Actor

P44 has condition: E3 Condition State

P45 consists of: E57 Material

P46 is composed of: E18 Physical Thing

P49 has former or current keeper: E39 Actor

P50 has current keeper: E39 Actor

P51 has former or current owner: E39 Actor

P52 has current owner: E39 Actor

P53 has former or current location: E53 Place

P128 carries: E90 Symbolic Object

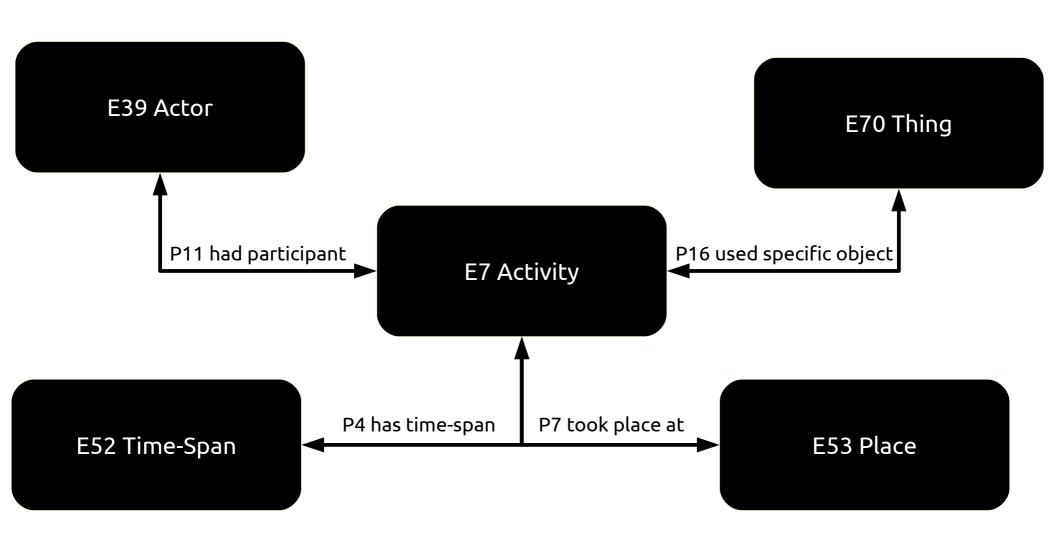
P156 occupies: E53 Place

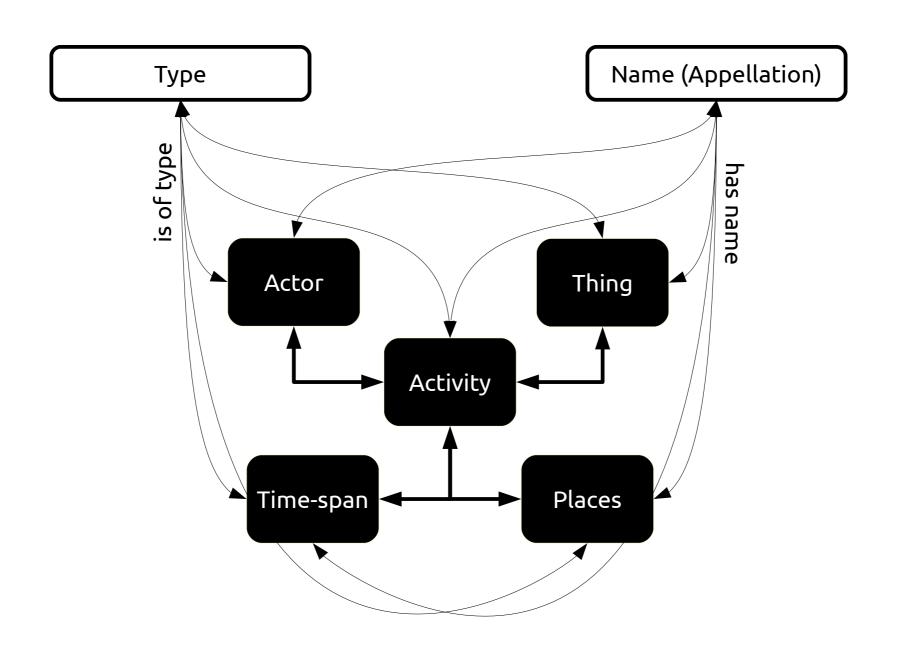
P62 depicts: E1 CRM Entity

P65 shows visual item: E36 Visual Item

E1 CRM Entity	P1 is identified by: E41 Appellation P2 has type: E55 Type P3 has note: E62 String P48 has preferred identifier: E42 Identifier P137 exemplifies: E55 Type
E77 Persistent Item	
E70 Thing	P43 has dimension: E54 Dimension P101 had as general use: E55 Type P130 shows features of: E70 Thing
E72 Legal object	P104 is subject to: E30 Right P105 right held by: E39 Actor
E18 Physical Thing	P44 has condition: E3 Condition State P45 consists of: E57 Material P46 is composed of: E18 Physical Thing P49 has former or current keeper: E39 Actor P50 has current keeper: E39 Actor P51 has former or current owner: E39 Actor P52 has current owner: E39 Actor P53 has former or current location: E53 Place P128 carries: E90 Symbolic Object P156 occupies: E53 Place
E24 Physical Man-Made Thing	P62 depicts: E1 CRM Entity P65 shows visual item: E36 Visual Item
E22 Man-Made Object	

P1 is identified by: E41 Appellation P2 has type: E55 Type P3 has note: E62 String P48 has preferred identifier: E42 Identifier P137 exemplifies: E55 Type P43 has dimension: F54 Dimension P101 had as general use: E55 Type P130 shows features of: E70 Thing P104 is subject to: E30 Right P105 right held by: E39 Actor P44 has condition: E3 Condition State P45 consists of: E57 Material P46 is composed of: E18 Physical Thing P49 has former or current keeper: E39 Actor P50 has current keeper: E39 Actor P51 has former or current owner: E39 Actor P52 has current owner: E39 Actor P53 has former or current location: E53 Place P128 carries: E90 Symbolic Object P156 occupies: E53 Place P62 depicts: E1 CRM Entity P65 shows visual item: E36 Visual Item E22 Man-Made Object





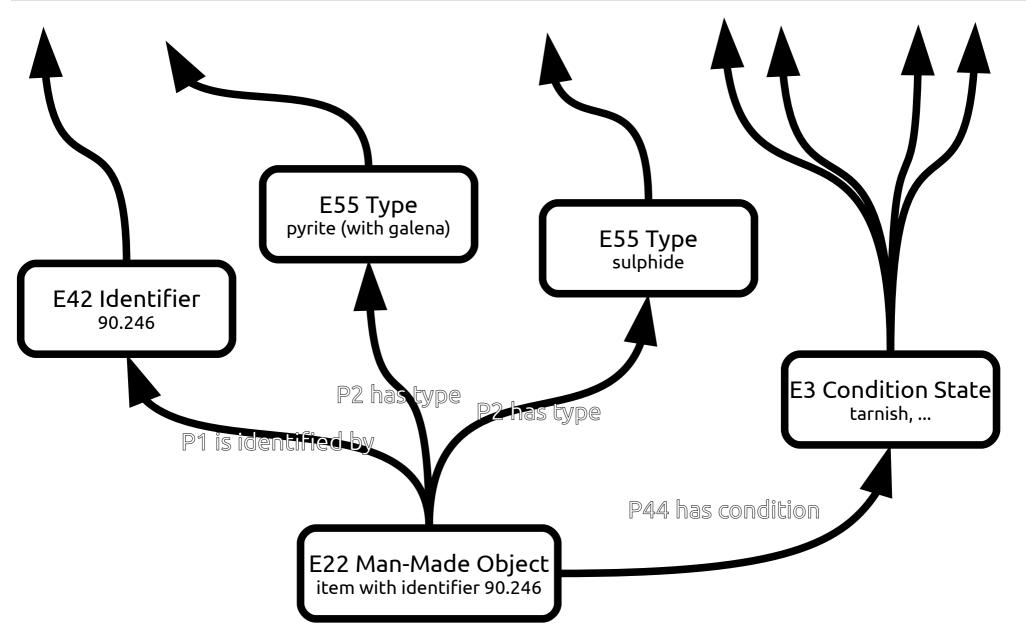
NMW example

condition of mineral specimens

Accession number	Mineral species	associated minerals	chemical group	1=yes, 0=no	1=no, 0=yes		tarnish	cracking	efflorescence	crumbling	smell	damag to labe
90.24	6 pyrite	with galena	sulphide		1	0	1	1	0	0	C)
90.24	7 pyrite		0 sulphide		1	0	0	1	0	0	C)
10.34.GR.10	pyrite	with sphalerite	sulphide	(0	1	0	0	0	0	C)
10.34.GR.11	pyrite		0 sulphide		1	0	1	1	0	0	C)
13.45.GR.1.2	pyrite	with quartz, sphalerite, galena	sulphide		1	0	1	1	0	0	C)
13.45.GR.1.3	pyrite	with quartz, sphalerite, galena	sulphide		1	0	1	1	0	0	C)
13.62.GR.3	pyrite	quartz, chalcopyrite, galena, arsenopyrite, sphalerite	sulphide		1	0	1	0	1	. 1	C)
14.311.GR.218	pyrite	with calcite	sulphide	(0	1	0	0	0	0	C)
15.156.GR.51	pyrite		0 sulphide		1	0	1	1	0	0	C)
15.277.GR.37	pyrite	with chalcopyrite, quartz	sulphide	(0	1	0	0	0	0	C)
15.277.GR.38	pyrite	with quartz	sulphide		1	0	1	0	1	. 0	C)
15.277.GR.39	pyrite		0 sulphide	(0	1	0	0	0	0	C)
18.172.GR.12	pyrite		0 sulphide		1	0	1	1	0	0	C)
18.95.GR.184	pyrite		0 sulphide	(0	1	0	0	0	0	C)
19.305.GR.20	pyrite		0 sulphide		1	0	1	1	0	0	C)
20.122.GR.3	pyrite		0 sulphide	(0	1	0	0	0	0	C)
20.271.GR.1	pyrite		0 sulphide		1	0	1	1	0	0	1	L
20.271.GR.8	pyrite		0 sulphide		1	0	1	0	0	0	1	L
20.348.GR.28	pyrite		0 sulphide		1	0	1	1	1	. 1	C	
20.381.GR.2	pyrite		0 sulphide		1	0	1	0	0	0	C	
20.381.GR.3	pyrite		0 sulphide		1	0	1	0	0	0	1	
20.399.GR.15	pyrite		0 sulphide		1	0	1	1	0	0	1	
20.399.GR.18	pyrite		0 sulphide		1	0	1	0	1	. 0	1	
20.78.GR.48.5	pyrite		0 sulphide	(0	1	0	0	0	0	C	
20.89G.R.105	pyrite	replaced by goethite	sulphide		1	0	0	1	0	0	C	
2002.21G.M.26	pyrite		0 sulphide	(0	1	0	0	0	0	C	
2002.21G.M.27	pyrite		0 sulphide	(0	1	0	0	0	0	C)
2002.48G.M.89a,b	pyrite		0 sulphide		1	0	1	0	0	0	C)
2003.1G.M.143	pyrite	weathered sphalerite	sulphide		1	0	1	1	0	0	C)
2003.1G.M.484	pyrite	calcite	sulphide	(0	1	0	0	0	0	C)
2005.44G.M.110b.c	pyrite		0 sulphide		1	0	1	1	1	. 0	C)
2005.44G.M.118b,c	pyrite		0 sulphide		1	0	1	0	0	0	C)
2005.44G.M.124b	pyrite		0 sulphide		1	0	0	1	0	0	C)
2005.44G.M.180b	pyrite		0 sulphide		1	0	1	1	1	. 1	C)

Christian Baars

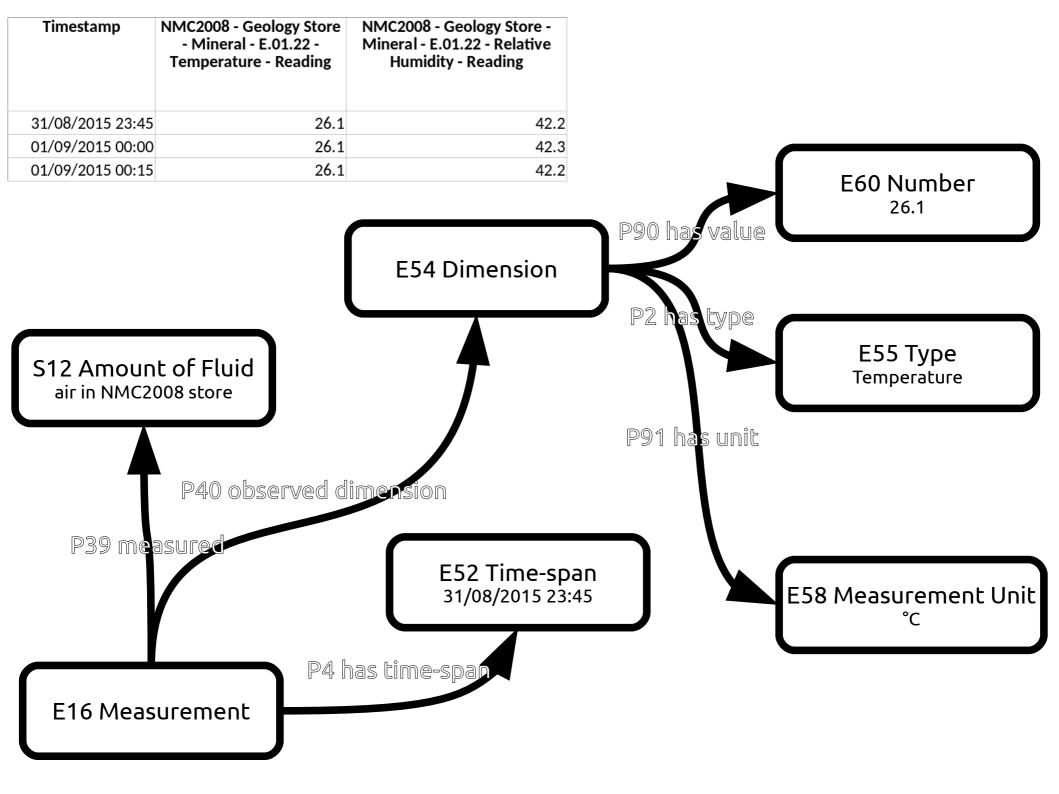
Accession number	Mineral species	associated minerals	chemical group	1=yes, 0=no	1=no, 0=yes	tarnisl	n cracking	efflorescence	crumbling	smell	damage to label
90.246	pyrite	with galena	sulphide	1		0	1 1	0	0	C	0
90.247	pyrite		0 sulphide	1		0) 1	0	0	C	0
10.34.GR.10	pyrite	with sphalerite	sulphide	0		1	0 0	0	0	C	0

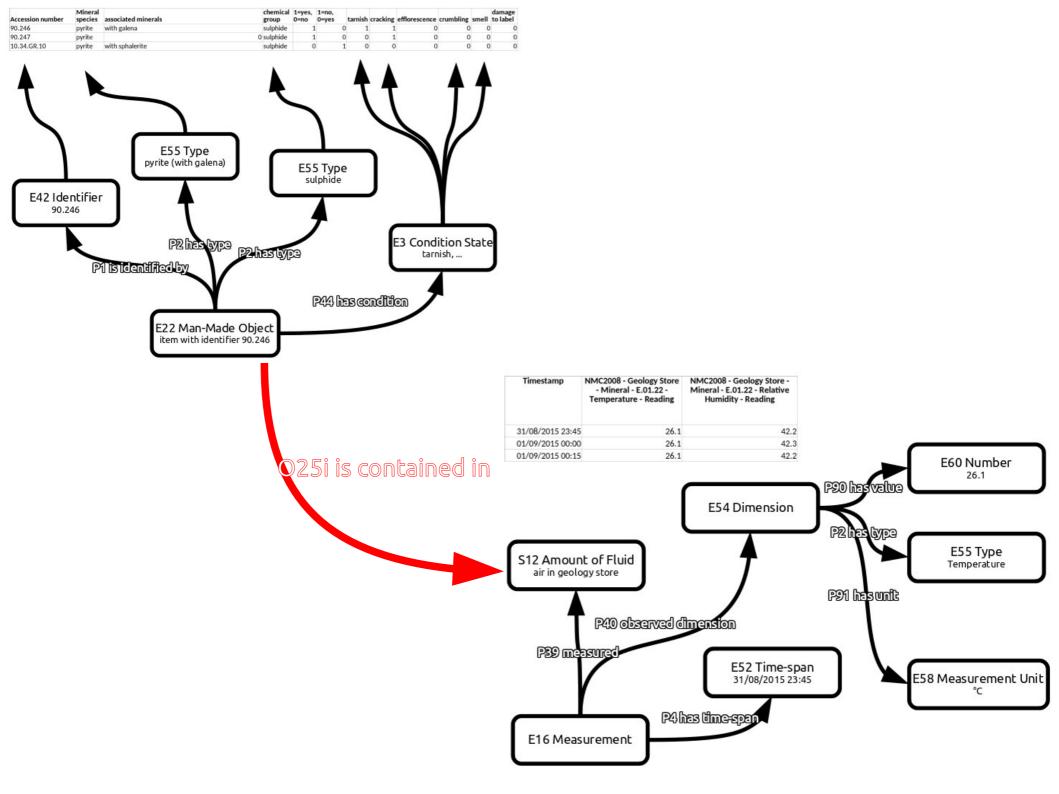


NMW example

environmental monitoring

Timestamp	NMC2008 - Geology Store - Mineral - E.01.22 - Temperature - Reading	NMC2008 - Geology Store - Mineral - E.01.22 - Relative Humidity - Reading
31/08/2015 23:45	26.1	42.2
01/09/2015 00:00	26.1	42.3
01/09/2015 00:15	26.1	42.2
01/09/2015 00:30	26.1	42.2
01/09/2015 00:45	26.1	42.2
01/09/2015 01:00	26.1	42.2
01/09/2015 01:15	26.1	42.1
01/09/2015 01:45	26.1	42.1
01/09/2015 02:00	26.1	42.1
01/09/2015 02:15	26.1	42.1
01/09/2015 02:30	26.1	42.1
01/09/2015 02:45	26.1	42
01/09/2015 03:00	26.1	42.1
01/09/2015 03:15	26.1	42
01/09/2015 03:30	26.1	42
01/09/2015 03:45	26.1	42
01/09/2015 04:00	26.1	42
01/09/2015 04:15	26.1	42
01/09/2015 04:30	26.1	41.9
01/09/2015 04:45	26.1	41.9
01/09/2015 05:00	26.1	41.9
01/09/2015 05:15	26.1	
01/09/2015 05:30	26.1	41.9
01/09/2015 05:45	26.1	41.9
01/09/2015 06:00	26.1	41.9
01/09/2015 06:15	26.1	41.9
01/09/2015 06:30	26.1	41.9
01/09/2015 06:45	26.1	41.9
01/09/2015 07:00	26.1	41.9
01/09/2015 07:15	26.1	42
01/09/2015 07:30	26.1	41.9





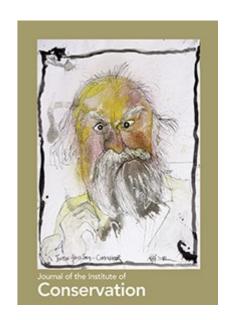
Example from reasoning

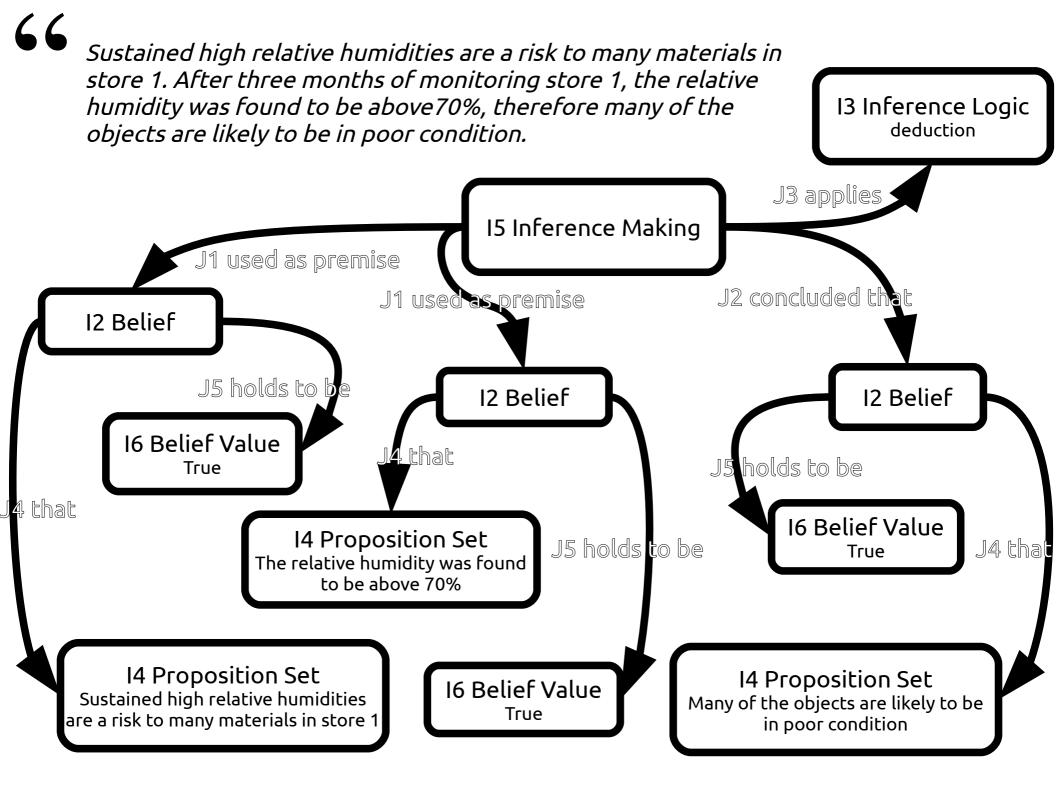


Sustained high relative humidities are a risk to many materials in store 1. After three months of monitoring store 1, the relative humidity was found to be above 70%, therefore many of the objects are likely to be in poor condition.



Joel Taylor (2018) In the quest for certainty: tensions from cause-and-effect deductions in preventive conservation, Journal of the Institute of Conservation, 41:1, 16-31, DOI:10.1080/19455224.2017.1416649







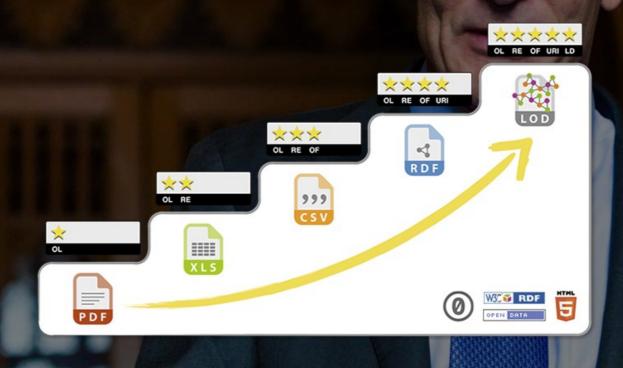
Implementation – Semantic Web

Linked data

- World Wide Web Consortium
 - Tim Berners-Lee five star open data
 - http://5stardata.info/en/
- Resource Description Framework (RDF)

5 ★ OPEN DATA

Tim Berners-Lee, the inventor of the Web and Linked Data initiator, suggested a 5-star deployment scheme for Open Data. Here, we give examples for each step of the stars and explain costs and benefits that come along with it.

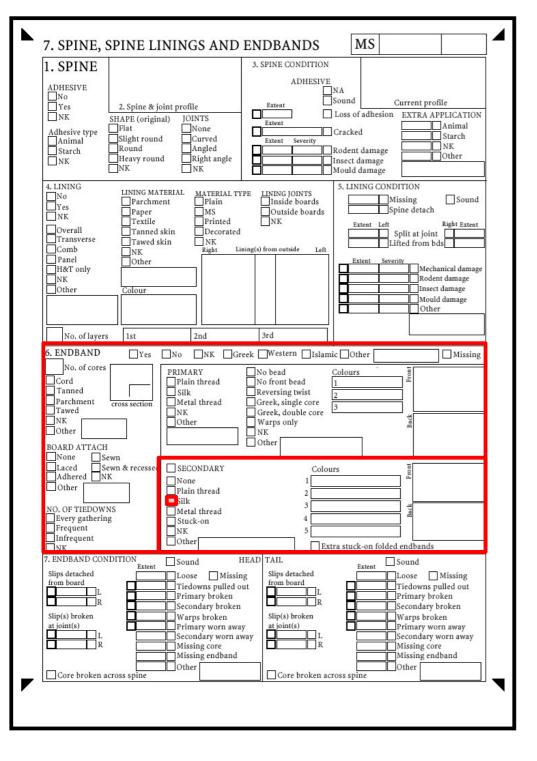




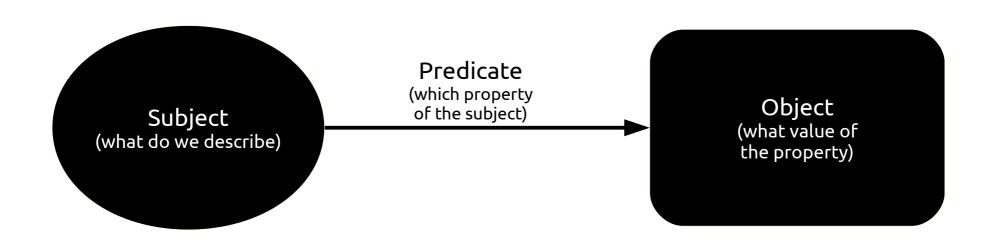
BY EXAMPLE ...

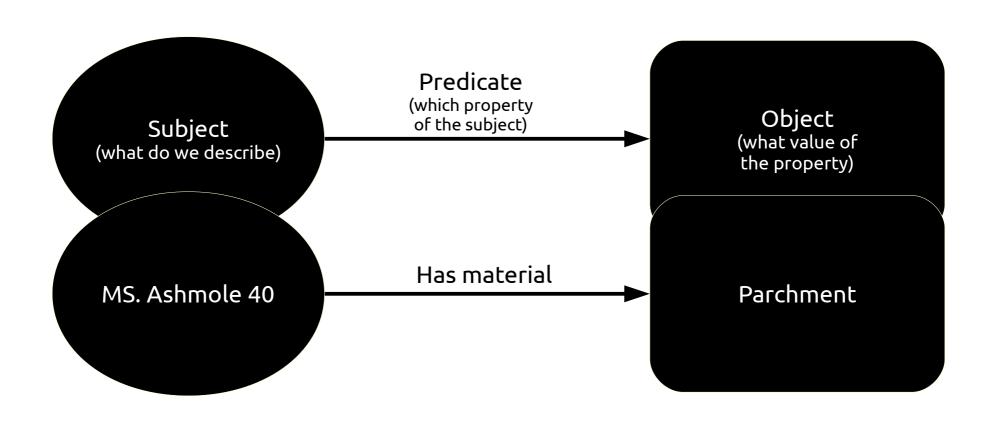
Below, we provide examples for each level of Tim's 5-star Open Data plan. The example data used throughout is 'the temperature forecast for Galway, Ireland for the next 3 days':

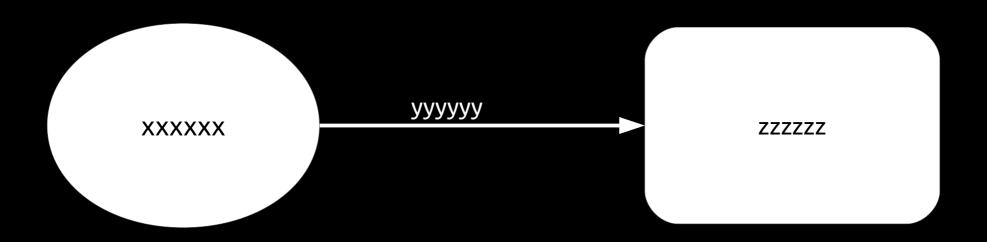
- ★ make your stuff available on the Web (whatever format) example ... under an open license¹
- $\star\star$ make it available as structured data (e.g., Excel instead of image scan of a table)²
- $\star\star\star$ make it available in a non-proprietary open format (e.g., example ... CSV instead of Excel)³

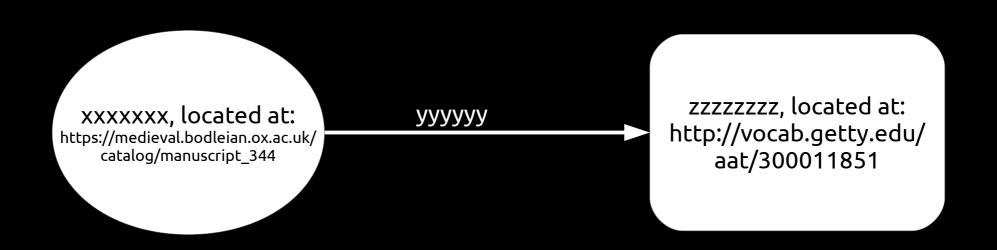


- lining part of spine
- spine adhesive has type animal
- endband has technique Greek
- secondary thread has material silk









Library



The Getty Research Institute

Exhibitions & Events

Special Collections

Search Tools & Databases

Scholars & Projects

Publications

About the GRI



Have a Question?

Contact the Vocabulary

Program

Search Tools & Databases

- Primo Search
- ▶ Getty Research Portal
- Collection Inventories & Finding Aids
- ▶ Photo Archive
- Research Guides & Bibliographies
- Digital Collections
- ▶ Article & Research Databases
- Collecting & Provenance Research
- BHA & RILA
- ▼Getty Vocabularies
 - → Art & Architecture Thesaurus (AAT) ®
 - About AAT
 - AAT: Frequently Asked Ouestions
 - How to use AAT
 - Cultural Objects Name Authority (CONA) ®
 - Getty Thesaurus of Geographic Names (TGN) ®
 - ► Union List of Artist Names (ULAN) ®
 - ▶ Contribute
 - Editorial Guidelines
 - Getty Vocabularies as Linked Open Data
- Frequently Asked Questions
- Obtain the Getty Vocabularies
- Training Materials

Art & Architecture Thesaurus® Online



Copyright information

Search Tips

For the Find Term or Note field, you may use **AND** and **OR** (all in upper case) [e.g., 1) windsor chairs, 2) chairs OR rockers, 3) chairs OR rockers OR armchairs, 4) bow-back AND windsor, 5) windsor AND (rockers OR chairs), 6) (windsor OR boston) AND (rockers OR chairs)]. Wildcard is the asterisk (*); right truncation only. To find an exact match rather than a key word in the Find Term field, use quotes [e.g., "chairs"]. If you wish to search the term and note together, click on the buttons for AND or OR.

About the AAT

Learn about the purpose, scope and structure of the AAT. The AAT is an evolving vocabulary, growing and changing thanks to contributions from Getty projects and other institutions. Find out more about the AAT's contributors.

F.A.Q. about the AAT

Here you will find a list of the most frequently asked questions about the thesaurus.

AAT@getty.edu

Click here to send a message to the AAT editors.

Use of the AAT

Copyright © 2017 The J. Paul Getty Trust. All rights reserved. The Getty vocabularies are made available via the Web browsers to support limited research and cataloging efforts. Companies and institutions interested in more extensive use of AAT, TGN, or ULAN are advised to explore the Linked Open Data releases. APIs are available. Relational tables and XML releases are also available, but may be discontinued in the future. All releases are available under the Open Data Commons Attribution License (ODC-By) 1.0. Releases of CONA and the IA are under development.

Updated 7 March 2017

Event Calendar | Museum Education | Library | e-Newsletters | Press Room



The J. Paul Getty Trust

parchment (animal material)

Source:http://vocab.getty.edu/aat/300011851

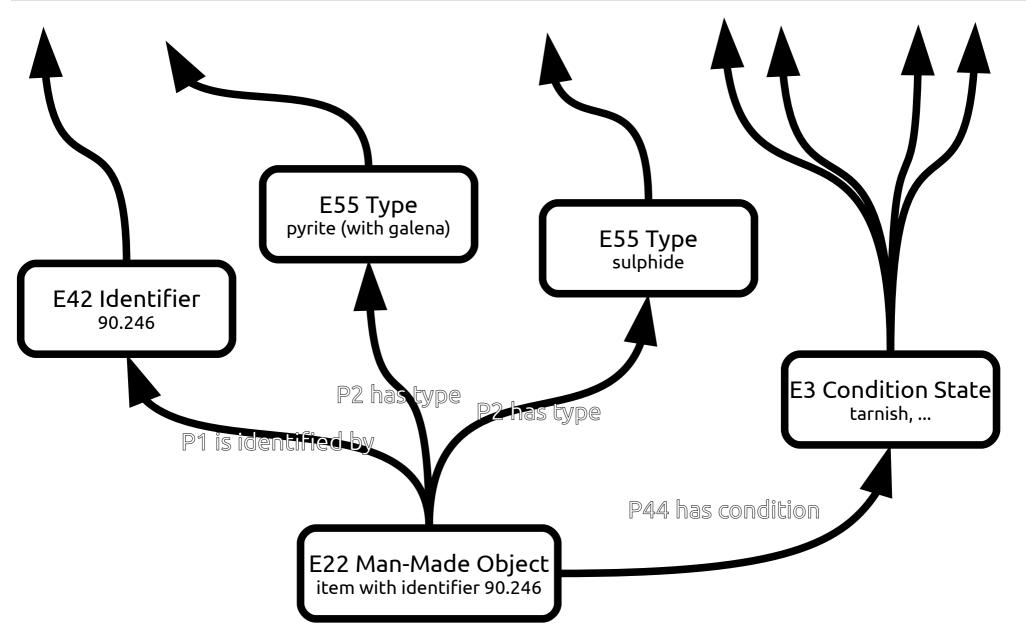
Subject (99) Predicate Object All

Website | Hierarchy | Download in: JSON | JSONLD | RDF | N3/Turtle | N-Triples

Inference Explicit only

Predicate	Object
rdf:type	gvp:Concept
rdfs:seeAlso	http://www.getty.edu/vow/AATFullDisplay?find=&logic=AND¬e=&subjectid=300011851
dcterms:created	1988-01-01T00:00:00
dcterms:modified	1992-02-03T00:00:00, 1992-03-04T00:00:00, 1993-01-12T00:00:00, 1995-04-12T00:00:00, 2001-07-26T22:00:44, 2001-07-26T22:15:03, 2007-01-31T16:16:50, 2007-03-20T10:36:23, 2007-03-20T11:14:38, 2007-03-20T17:34:33, 2007-05-07T14:35:31, 2010-02-11T13:38:57, 2010-03-08T08:08:09, 2010-03-08T08:08:10, 2010-03-08T09:01:05, 2010-04-23T00:17:25, 2010-05-24T21:49:15, 2011-01-08T01:37:43, 2011-03-07T15:33:37, 2012-03-16T14:05:02, 2014-08-01T08:28:29
skos:changeNote	aat_rev:5000025616, aat_rev:5000025617, aat_rev:5000025618, aat_rev:5000025619, aat_rev:5000025620, aat_rev:5001083690, aat_rev:5001083691, aat_rev:5001170746, aat_rev:5001602374, aat_rev:5001616195, aat_rev:5001616250, aat_rev:5001616426, aat_rev:5001654804, aat_rev:5002059696, aat_rev:5002073339, aat_rev:5002073340, aat_rev:5002073341, aat_rev:5002073342, aat_rev:5002073343, aat_rev:5002073344, aat_rev:5002073353, aat_rev:5002073361, aat_rev:5002073976, aat_rev:5002073977, aat_rev:5002226841, aat_rev:5002538711, aat_rev:5002935869, aat_rev:5002985788, aat_rev:5002985789, aat_rev:5003175791, aat_rev:5003662848, aat_rev:5003662849, aat_rev:5003662850, aat_rev:5003662851, aat_rev:5003662852, aat_rev:5003662871
gvp:parentString	processed animal material, animal material, biological material, <materials by="" origin="">, materials (substances), Materials (hierarchy name), Materials Facet</materials>
gvp:parentStringAbbrev	processed animal material, animal material, Materials Facet
gvp:displayOrder	4
xl:prefLabel	aat_term:1000011851-en, aat_term:1000405639-de, aat_term:1000407634-nl, aat_term:1000407635-fr, aat_term:1000407636-sv, aat_term:1000407637-it, aat_term:1000407638-es, aat_term:1000589570-zh-Hant, aat_term:1000589572-zh-Latn-pinyin-x-notone, aat_term:1000589573-zh-Latn-pinyin-x-hanyu, aat_term:1000589574-zh-Latn-wadegile
xl:altLabel	aat_term:1000285076-en, aat_term:1000589571-zh-Hant
gvp:broaderGeneric	aat:300193287
gvp:broaderPreferred	aat:300193287
gyp:prefl abelGVP	aat_term:1000011851-en

Accession number	Mineral species	associated minerals	chemical group	1=yes, 0=no	1=no, 0=yes	tarnisl	n cracking	efflorescence	crumbling	smell	damage to label
90.246	pyrite	with galena	sulphide	1		0	1 1	0	0	C	0
90.247	pyrite		0 sulphide	1		0) 1	0	0	, C	0
10.34.GR.10	pyrite	with sphalerite	sulphide	0		1	0 0	0	0	C	0



pyrite

Source:http://vocab.getty.edu/aat/300011112

Subject (111) Predicate Object All

Website | Hierarchy | Download in: JSON | JSONLD | RDF | N3/Turtle | N-Triples

Inference Explicit only

Predicate	Object
rdf:type	gvp:Concept
rdfs:seeAlso	http://www.getty.edu/vow/AATFullDisplay?find=&logic=AND¬e=&subjectid=300011112
dcterms:created	1988-01-01T00:00:00
dcterms:modified	1992-02-20T00:00:00, 1992-04-01T00:00:00, 2001-07-26T22:00:42, 2001-07-26T22:15:03, 2007-05-02T15:11:39, 2007-05-02T15:14:09, 2008-01-29T15:38:04, 2008-01-29T15:44:50, 2008-01-29T15:45:09, 2008-01-29T15:45:22, 2008-01-29T15:56:04, 2008-07-11T17:01:45, 2008-07-11T17:09:35, 2008-07-11T17:09:36, 2008-10-02T18:57:44, 2010-04-23T00:13:21, 2011-01-08T00:43:23, 2012-01-20T15:09:09, 2012-01-20T15:09:10, 2012-07-20T16:16:25, 2015-03-12T10:54:01
skos:changeNote	aat_rev:5000024914, aat_rev:5000024915, aat_rev:5000024916, aat_rev:5000024917, aat_rev:5001082853, aat_rev:5001082854, aat_rev:5001082855, aat_rev:5001082856, aat_rev:5001082857, aat_rev:5001082858, aat_rev:5001170629, aat_rev:5001653948, aat_rev:5001654051, aat_rev:5001706852, aat_rev:5001706853, aat_rev:5001706857, aat_rev:5001706860, aat_rev:5001706861, aat_rev:5001706862, aat_rev:5001706868, aat_rev:5001706869, aat_rev:5001706884, aat_rev:5001706885, aat_rev:5001920054, aat_rev:5001920056, aat_rev:5001920057, aat_rev:5001920058, aat_rev:5001920059, aat_rev:5001920060, aat_rev:5001920061, aat_rev:5001937639, aat_rev:5002222703, aat_rev:5002919067, aat_rev:5003120452, aat_rev:5003120453, aat_rev:5003120454, aat_rev:5003120455, aat_rev:5003120456, aat_rev:5003120475, aat_rev:5003247040, aat_rev:5003976161, aat_rev:5003976162, aat_rev:5003976163
gvp:parentString	mineral, inorganic material, <materials by="" composition="">, materials (substances), Materials (hierarchy name), Materials Facet</materials>
gvp:parentStringAbbrev	mineral, inorganic material, Materials Facet
gvp:displayOrder	97
xl:prefLabel	aat_term:1000011112-en, aat_term:1000011112-fr, aat_term:1000394626-de, aat_term:1000394627-nl, aat_term:1000394628-pl, aat_term:1000394629-es, aat_term:1000394629-pt, aat_term:1000522409-zh-Hant, aat_term:1000522411-zh-Latn-pinyin-x-notone, aat_term:1000522412-zh-Latn-pinyin-x-hanyu, aat_term:1000522413-zh-Latn-wadegile
xl:altLabel	aat_term:1000011113-en, aat_term:1000011114-en, aat_term:1000036231-en, aat_term:1000522410-zh-Hant
gvp:broaderGeneric	aat:300011068, aat:300266401
gvp:broaderPreferred	aat:300011068
gyp:broaderNonPreferred	aat:300266401

sulfide (material)

Source:http://vocab.getty.edu/aat/300156332

Subject (72) Predicate Object All

Website | Hierarchy | Download in: JSON | JSONLD | RDF | N3/Turtle | N-Triples

Inference Explicit only

Predicate	Object
rdf:type	gvp:Concept
rdfs:seeAlso	http://www.getty.edu/vow/AATFullDisplay?find=&logic=AND¬e=&subjectid=300156332
dcterms:created	1989-07-01T00:00:00
dcterms:modified	1992-03-11T00:00:00, 1992-04-01T00:00:00, 2001-07-26T22:00:42, 2006-01-23T13:30:37, 2006-01-23T13:30:58, 2009-03-17T13:34:18, 2010-04-23T05:59:39, 2010-04-23T05:59:40, 2011-01-07T17:50:27, 2012-03-16T14:10:41, 2014-06-10T14:59:40, 2014-06-10T15:04:23, 2014-06-10T15:22:45, 2014-06-10T15:33:33, 2016-01-28T11:26:45
skos:changeNote	aat_rev:5000025009, aat_rev:5000025010, aat_rev:5000025011, aat_rev:5001082954, aat_rev:5001082955, aat_rev:5001082956, aat_rev:5001082957, aat_rev:5001082958, aat_rev:5001557726, aat_rev:5001557727, aat_rev:5001557731, aat_rev:5001998295, aat_rev:5002484195, aat_rev:5002484202, aat_rev:5002786651, aat_rev:5003177865, aat_rev:5003639134, aat_rev:5003639135, aat_rev:5003639136, aat_rev:5003639152, aat_rev:5003639161, aat_rev:5003639199, aat_rev:5003639200, aat_rev:5004039251, aat_rev:5004039252
gvp:parentString	sulfur compounds, <sulphur and="" compounds="" sulphur="">, inorganic material, <materials by="" composition="">, materials (substances), Materials (hierarchy name), Materials Facet</materials></sulphur>
gvp:parentStringAbbrev	sulfur compounds, <sulphur and="" compounds="" sulphur="">, Materials Facet</sulphur>
gvp:displayOrder	2
xl:prefLabel	aat_term:1000156332-en, aat_term:1000156332-nl, aat_term:1000440313-es
xl:altLabel	aat_term:1000272183-en, aat_term:1000272184-en, aat_term:1000272185-en
gvp:broaderGeneric	aat:300210820
gvp:broaderPreferred	aat:300210820
gvp:prefLabelGVP	aat_term:1000156332-en
skos:inScheme	aat
skos:scopeNote	aat_scopeNote:44512, aat_scopeNote:75821, aat_scopeNote:92192

tarnish

Source:http://vocab.getty.edu/aat/300219955

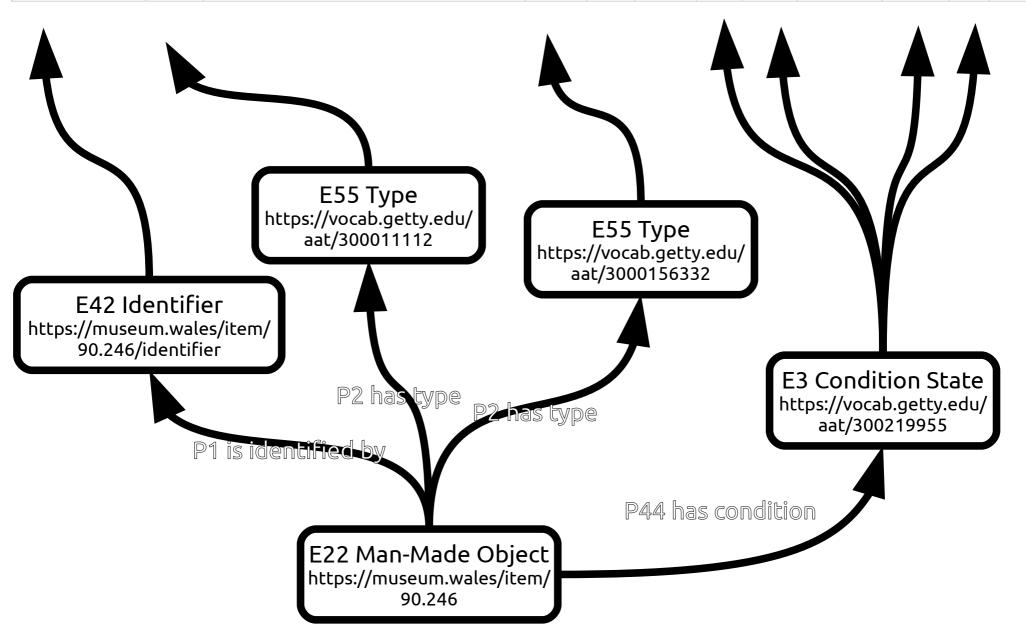
Subject (69) Predicate Object All

Website | Hierarchy | Download in: JSON | JSONLD | RDF | N3/Turtle | N-Triples

Inference Explicit only

Predicate	Object
rdf:type	gvp:Concept
rdfs:seeAlso	http://www.getty.edu/vow/AATFullDisplay?find=&logic=AND¬e=&subjectid=300219955
dcterms:created	1992-05-28T00:00:00
dcterms:modified	1992-12-30T00:00:00, 2001-07-26T21:59:09, 2010-04-23T07:00:27, 2010-04-23T07:00:28, 2011-01-07T14:40:04, 2011-01-07T14:40:06, 2012-04-13T12:09:00, 2013-03-29T10:05:47, 2013-03-29T10:05:48, 2014-01-07T10:36:59
skos:changeNote	aat_rev:5000004048, aat_rev:5000004049, aat_rev:5001049210, aat_rev:5002515640, aat_rev:5002515641, aat_rev:5002515642, aat_rev:5002515650, aat_rev:5002706727, aat_rev:5002706728, aat_rev:5002706729, aat_rev:5002706740, aat_rev:5003237417, aat_rev:5003438313, aat_rev:5003438314, aat_rev:5003438315, aat_rev:5003438316, aat_rev:5003438317, aat_rev:5003438335, aat_rev:5003547002, aat_rev:5003547003
gvp:parentString	<conditions and="" effects="" for="" metals="">, <conditions and="" by="" effects="" specific="" type="">, Conditions and Effects (hierarchy name), Physical Attributes Facet</conditions></conditions>
gvp:parentStringAbbrev	<conditions and="" effects="" for="" metals="">, <conditions and="" by="" effects="" specific="" type="">, Physical Attributes Facet</conditions></conditions>
gvp:displayOrder	4
xl:prefLabel	aat_term:1000219955-en, aat_term:1000449033-es, aat_term:1000503988-nl, aat_term:1000561912-zh-Hant, aat_term:1000561914-zh-Latn-pinyin-x-notone, aat_term:1000561915-zh-Latn-pinyin-x-hanyu, aat_term:1000561916-zh-Latn-wadegile
xl:altLabel	aat_term:1000449034-es, aat_term:1000449035-es, aat_term:1000503989-nl, aat_term:1000503990-nl, aat_term:1000561913-zh-Hant
gvp:broaderGeneric	aat:300229327
gvp:broaderPreferred	aat:300229327
gvp:prefLabelGVP	aat_term:1000219955-en
skos:inScheme	aat
skos:scopeNote	aat_scopeNote:112722, aat_scopeNote:52944, aat_scopeNote:77645, aat_scopeNote:87502
dcterms:contributor	aat_contrib:10000000, aat_contrib:10000088, aat_contrib:10000131, aat_contrib:10000178, aat_contrib:10000205

Accession number	Mineral species	associated minerals	chemical group	1=yes, 0=no	1=no, 0=yes	ta	rnish	cracking	efflorescence	crumbling	smell	damage to label
90.246	pyrite	with galena	sulphide	1		0	1	1	0	0	C	0
90.247	pyrite		0 sulphide	1		0	0	1	0	0	C	0
10.34.GR.10	pyrite	with sphalerite	sulphide	0		1	0	0	0	0	C	0



Thesauri & authority lists

- Getty AAT, TGN, ULAN
- VIAF
- Geonames
- Language of Bindings!

Linked Data

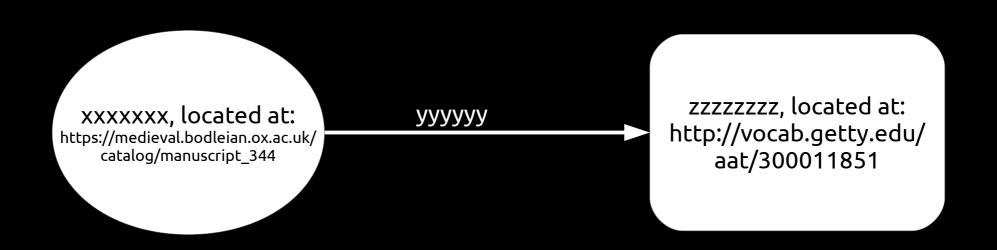
- World Wide Web Consortium
- Resource Description Framework (RDF)
- Universal Resource Identifiers (URI)
 - lots of them
 - preferable leading to an html page
 - permanent!

BY EXAMPLE ...

Below, we provide examples for each level of Tim's 5-star Open Data plan. The example data used throughout is 'the temperature forecast for Galway, Ireland for the next 3 days':

*	make your stuff available on the Web (whatever format) under an open license ¹	example
r*	make it available as structured data (e.g., Excel instead of image scan of a table) 2	example
r x	make it available in a non-proprietary open format (e.g., CSV instead of Excel) 3	example
r *	use URIs to denote things, so that people can point at your stuff ⁴	example

Resource Description Framework



Resource Description Framework



xxxxxxx, located at:
https://medieval.bodleian.ox.ac.uk/
catalog/manuscript 344

yyyyy, located at: http://www.cidoc-crm.org/ P45_consists_of

zzzzzzzz, located at: http://vocab.getty.edu/ aat/300011851

BY EXAMPLE ...

Below, we provide examples for each level of Tim's 5-star Open Data plan. The example data used throughout is 'the temperature forecast for Galway, Ireland for the next 3 days':

make your stuff available on the Web (whatever format) example ... under an open license 1 make it available as structured data (e.g., Excel instead example ... of image scan of a table)2 make it available in a non-proprietary open format (e.g., example ... $\star\star\star$ CSV instead of Excel)3 use URIs to denote things, so that people can point at example ... your stuff4 link your data to other data to provide context 5 example ... ****

xxxxxxx, located at:
https://www.ligatus.org.uk/
catalog/ms-gr-1682

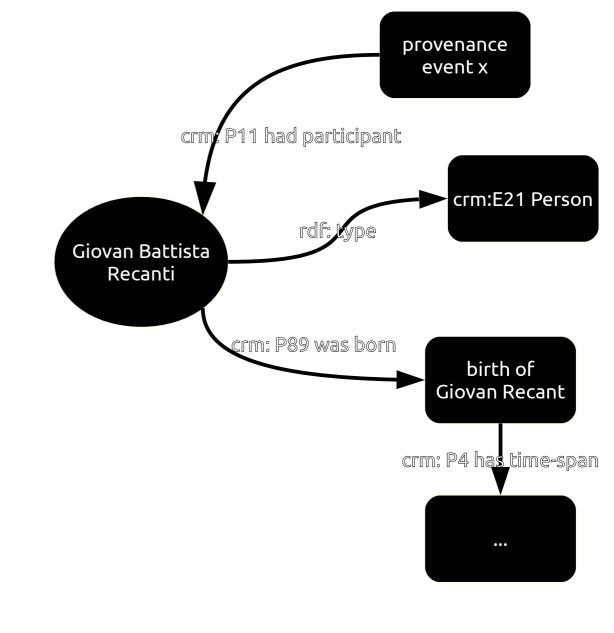
yyyyyy, located at
http://www.cidoc-crm.org/
P45_consists_of

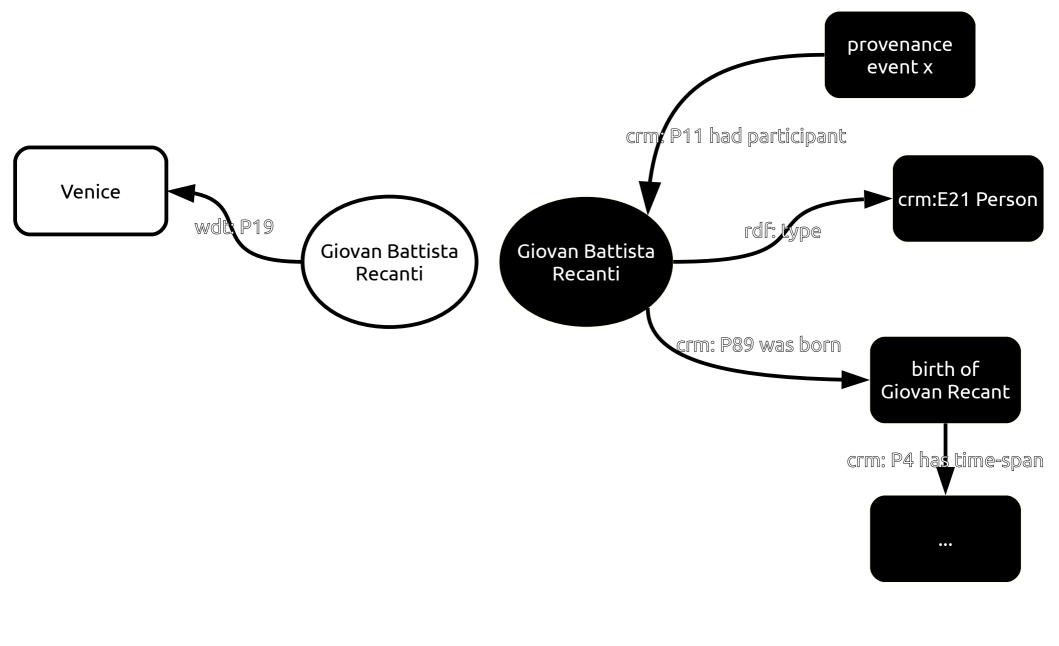
zzzzzzzz, located at:
http://vocab.getty.edu/
aat/300191700

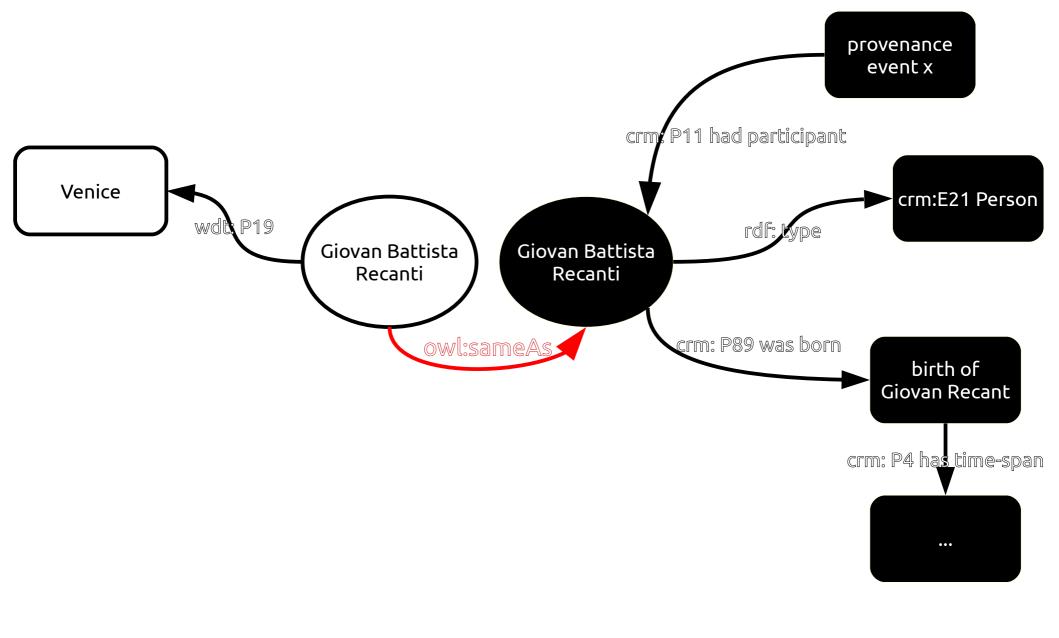
Linked Data

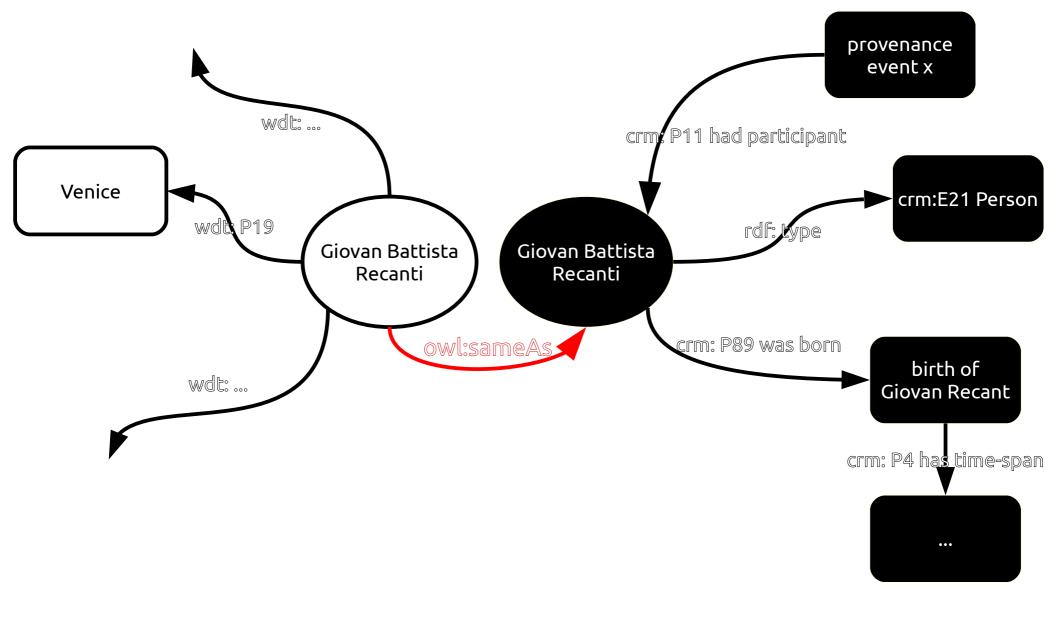
- World Wide Web Consortium
- Resource Description Framework (RDF)
- Universal Resource Identifiers (URI)
- SPARQL

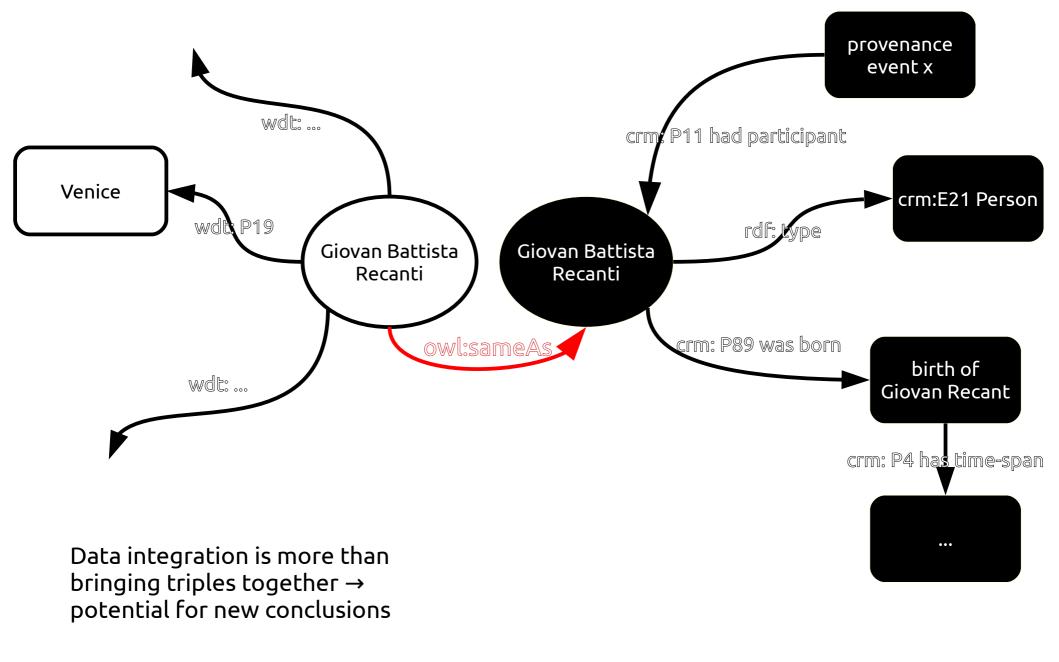
S	p	
<http: authority="" japan="" places="" www.mhs.ox.ac.uk=""></http:>	http://slobr.linkedmusic.org/salt/in_saltset	http://www.mhs.ox.ac.uk/authority/places/>
<http: authority="" japan="" places="" www.mhs.ox.ac.uk=""></http:>	">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>">http://www.cidoc-crm.org/cidoc-c	http://www.mhs.ox.ac.uk/authority/places/japan/appellation
http://www.mhs.ox.ac.uk/authority/places/japan	<u>rdf:type</u>	http://www.cidoc-crm.org/cidoc-crm/E53_Place
http://www.mhs.ox.ac.uk/authority/places/japan	rdfs:label	Japan
http://www.mhs.ox.ac.uk/authority/places/japan/appellation	<u>rdf:type</u>	http://www.cidoc-crm.org/cidoc-crm/E41_Appellation
http://www.mhs.ox.ac.uk/authority/places/japan/appellation	rdfs:label	Japan
http://www.mhs.ox.ac.uk/object/inv/11390>	http://www.cidoc-crm.org/cidoc-crm/P102_has_title	http://www.mhs.ox.ac.uk/object/inv/11390/title
http://www.mhs.ox.ac.uk/object/inv/11390>	http://www.cidoc-crm.org/cidoc-crm/P108i_was_produced_by	<urn:uuid:8e5c6f72-eldf-4200-9916-4f9ad114187f></urn:uuid:8e5c6f72-eldf-4200-9916-4f9ad114187f>
<http: 11390="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P2_has_type	http://www.mhs.ox.ac.uk/authority/terms/balance
<http: 11390="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P3_has_note	Dotchin; in parts comprising of ivory beam and attached brass
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/brass
http://www.mhs.ox.ac.uk/object/inv/11390>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/cotton
<http: 11390="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/ivory
<http: 11390="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	<http: authority="" metal="" terms="" www.mhs.ox.ac.uk=""></http:>
<http: 11390="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/silk
http://www.mhs.ox.ac.uk/object/inv/11398	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	http://www.mhs.ox.ac.uk/authority/terms/wood
<http: 11390="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P48 has preferred identifier>	http://www.mhs.ox.ac.uk/object/inv/11390/identifier
http://www.mhs.ox.ac.uk/object/inv/11390	<u>rdf:type</u>	http://www.cidoc-crm.org/cidoc-crm/E22_Man-Made_Object
http://www.mhs.ox.ac.uk/object/inv/11390	rdfs:label	11390 Chinese Dotchin in case
http://www.mhs.ox.ac.uk/object/inv/11390/identifier	<u>rdf:type</u>	http://www.cidoc-crm.org/cidoc-crm/E42_Identifier
http://www.mhs.ox.ac.uk/object/inv/11390/identifier	rdfs:label	11390
http://www.mhs.ox.ac.uk/object/inv/11390/title	<u>rdf:type</u>	<http: cidoc-crm="" e35_title="" www.cidoc-crm.org=""></http:>
<http: 11390="" inv="" object="" title="" www.mhs.ox.ac.uk=""></http:>	rdfs:label	Chinese Dotchin in case
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P102 has title>	<http: 11391="" inv="" object="" title="" www.mhs.ox.ac.uk=""></http:>
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P1081 was produced by>	<urn:uuid:eb90d4f0-93bb-41c4-a82a-1a2a70317feb></urn:uuid:eb90d4f0-93bb-41c4-a82a-1a2a70317feb>
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P2_has_type	http://www.mhs.ox.ac.uk/authority/terms/balance
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P3 has note>	Dotchin; in parts comprising ivory beam, brass pan and weight
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/brass
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/fabric
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	http://www.mhs.ox.ac.uk/authority/terms/ivory
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	<http: authority="" silk="" terms="" www.mhs.ox.ac.uk=""></http:>
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	">http://www.mhs.ox.ac.uk/authority/terms/wood>">http://www.mhs.ox.ac.uk/authority/terms/wood>">
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P48 has preferred identifier>	http://www.mhs.ox.ac.uk/object/inv/11391/identifier
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	<u>rdf:type</u>	http://www.cidoc-crm.org/cidoc-crm/E22_Man-Made_Object
<http: 11391="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	rdfs:label	11391 Chinese Dotchin with case
http://www.mhs.ox.ac.uk/object/inv/11391/identifier	<u>rdf:type</u>	http://www.cidoc-crm.org/cidoc-crm/E42_Identifier
http://www.mhs.ox.ac.uk/object/inv/11391/identifier	rdfs:label	11391
<http: 11391="" inv="" object="" title="" www.mhs.ox.ac.uk=""></http:>	<u>rdf:type</u>	<http: cidoc-crm="" e35_title="" www.cidoc-crm.org=""></http:>
http://www.mhs.ox.ac.uk/object/inv/11391/title	rdfs:label	Chinese Dotchin with case
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P102 has title>	<http: 11392="" inv="" object="" title="" www.mhs.ox.ac.uk=""></http:>
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P1081 was produced by>	<urn:uuid:e11dde60-5f4d-409f-a054-fcea71e8696c></urn:uuid:e11dde60-5f4d-409f-a054-fcea71e8696c>
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P2 has type>	http://www.mhs.ox.ac.uk/authority/terms/balance
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P3 has note>	Dotchin; comprising of attached ivory beam and brass pan in w
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	http://www.mhs.ox.ac.uk/authority/terms/brass
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	http://www.mhs.ox.ac.uk/authority/terms/ivory
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	<http: authority="" metal="" terms="" www.mhs.ox.ac.uk=""></http:>
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	<http: authority="" silk="" terms="" www.mhs.ox.ac.uk=""></http:>
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P45 consists of>	http://www.mhs.ox.ac.uk/authority/terms/wood
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	http://www.cidoc-crm.org/cidoc-crm/P48 has preferred identifier>	http://www.mhs.ox.ac.uk/object/inv/11392/identifier
<http: 11392="" inv="" object="" www.mhs.ox.ac.uk=""></http:>	rdf:type	<http: cidoc-crm="" e22="" man-made="" object="" www.cidoc-crm.org=""></http:>
		many and a second of the secon









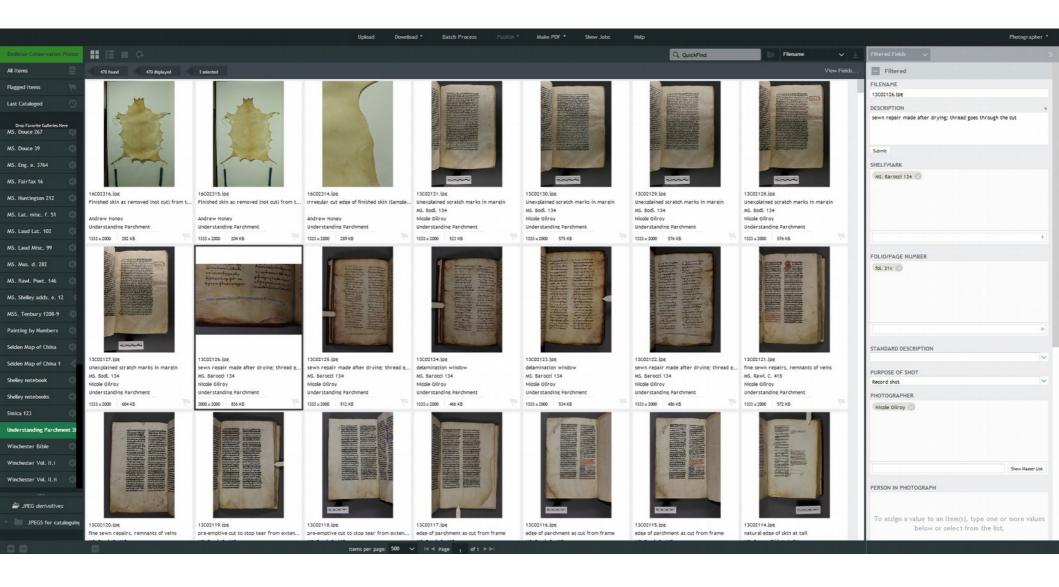




Example

Bodleian library

Nicole Gilroy





A catalogue of Western manuscripts at the Bodleian Libraries and selected Oxford colleges

Search Medieval Manuscripts





ADVANCED SEARCH

OR BROWSE BY

MANUSCRIPTS

WORKS

PEOPLE

PLACES

Collections

Christ Church MSS.	Dep. (Deposited manuscripts)	Fragments in printed books	MSS. Add. (Additional) A	MSS. Add. (Additional) B
MSS. Add. (Additional) C	MSS. Add. (Additional) D	MSS. Add. (Additional) E	MSS. Arch. Selden. (Archivum Seldenianum)	MSS. Ash. (Ashmole) Rolls
MSS. Ashmole	MSS. Aubrey	MSS. Auct. B. (Auctarium B.)	MSS. Auct. D. (Auctarium D.)	MSS. Auct. E. (Auctarium E.)
MSS. Auct. F. (Auctarium F.)	MSS. Auct. T. (Auctarium T.)	MSS. Auct. V. (Auctarium V.)	MSS. Barlow	MSS. Barocci
MSS. Bodl. (Bodley)	MSS. Bodl. Rolls (Bodley Rolls)	MSS. Bowyer	MSS. Broxb. (Broxbourne)	MSS. Buchanan
MSS. Bywater	MSS. Bywater adds.	MSS. Canon. Bibl. Lat. (Canonici Latin Biblical)	MSS. Canon. Class. Lat. (Canonici Latin Classical)	MSS. Canon. Gr. (Canonici Greek)
MSS. Canon. Ital. (Canonici	MSS. Canon. Liturg.	MSS. Canon. Misc. (Canonici	MSS. Canon. Pat. Lat.	MSS. Carte

							- · ·	
	Bit Depth Camera Make		Cataloged	,	Color Mode Color Profile	Copyright	Created	Creator Application
19276	Canon	Canon EOS 70D	2017-01-11T12:32:17.000Z		3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T12:55:58.000Z	Digital Photo Professional
19277	Canon	Canon EOS 70D	2017-01-11T12:49:29.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:03:39.000Z	Digital Photo Professional
19278	Canon	Canon EOS 70D	2017-01-11T15:54:28.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:23.000Z	Digital Photo Professional
19279	Canon	Canon EOS 70D	2017-01-11T15:54:31.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:28.000Z	Digital Photo Professional
19280	Canon	Canon EOS 70D	2017-01-11T15:54:35.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:31.000Z	Digital Photo Professional
19281	Canon	Canon EOS 70D	2017-01-11T15:54:39.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:35.000Z	Digital Photo Professional
19282	Canon	Canon EOS 70D	2017-01-11T15:54:41.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:38.000Z	Digital Photo Professional
19283	Canon	Canon EOS 70D	2017-01-11T15:54:48.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:46.000Z	Digital Photo Professional
19284	Canon	Canon EOS 70D	2017-01-11T15:54:56.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:52.000Z	Digital Photo Professional
19285	Canon	Canon EOS 70D	2017-01-11T15:55:00.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:56.000Z	Digital Photo Professional
19286	Canon	Canon EOS 70D	2017-01-11T15:55:17.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:14.000Z	Digital Photo Professional
19287	Canon	Canon EOS 70D	2017-01-11T15:55:30.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:28.000Z	Digital Photo Professional
19288	Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:03.000Z	Digital Photo Professional
19289	Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:11.000Z	Digital Photo Professional
19290	Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:21.000Z	Digital Photo Professional
19291	Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:41.000Z	Digital Photo Professional
19292	Canon	Canon EOS 70D	2017-01-11T15:57:15.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:19.000Z	Digital Photo Professional
19293	Canon	Canon EOS 70D	2017-01-11T15:57:16.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:18.000Z	Digital Photo Professional
19294	Canon	Canon EOS 70D	2017-01-11T15:57:16.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:49.000Z	Digital Photo Professional
19295	Canon	Canon EOS 70D	2017-01-11T15:57:16.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:59.000Z	Digital Photo Professional
19312	Canon	Canon EOS 70D	2017-01-12T11:53:12.000Z	,	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-12T11:53:08.000Z	Digital Photo Professional
19313	Canon	Canon EOS 70D	2017-01-12T11:53:14.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-12T11:53:11.000Z	Digital Photo Professional
19314	Canon	Canon EOS 70D	2017-01-13T10:54:55.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:54:52.000Z	Digital Photo Professional
19315	Canon	Canon EOS 70D	2017-01-13T10:54:59.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:54:55.000Z	Digital Photo Professional
19316	Canon	Canon EOS 70D	2017-01-13T10:55:00.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:54:58.000Z	Digital Photo Professional
19317	Canon	Canon EOS 70D	2017-01-13T10:55:07.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:01.000Z	Digital Photo Professional
19318	Canon	Canon EOS 70D	2017-01-13T10:55:11.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:08.000Z	Digital Photo Professional
19319	Canon	Canon EOS 70D	2017-01-13T10:55:18.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:14.000Z	Digital Photo Professional
19320	Canon	Canon EOS 70D	2017-01-13T10:55:24.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:21.000Z	Digital Photo Professional
19323	Canon	Canon EOS 70D	2017-01-13T11:04:38.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:11.000Z	Digital Photo Professional
19324	Canon	Canon EOS 70D	2017-01-13T11:04:38.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:18.000Z	Digital Photo Professional
19338	Canon	Canon EOS 70D	2017-01-16T09:59:15.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19339	Canon	Canon EOS 70D	2017-01-16T09:59:19.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19340	Canon	Canon EOS 70D	2017-01-16T09:59:28.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19341	Canon	Canon EOS 70D	2017-01-16T09:59:36.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19342	Canon	Canon EOS 70D	2017-01-16T09:59:40.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19343	Canon	Canon EOS 70D	2017-01-16T09:59:45.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:59.000Z	Digital Photo Professional
19344	Canon	Canon EOS 70D	2017-01-16T10:00:03.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:18:09.000Z	Digital Photo Professional
19345	Canon	Canon EOS 70D	2017-01-16T10:04:06.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:12:40.000Z	Digital Photo Professional
19346	Canon	Canon EOS 70D	2017-01-16T10:04:06.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19348	Canon	Canon EOS 70D	2017-01-16T10:04:06.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19349	Canon	Canon EOS 70D	2017-01-16T10:04:07.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:18:44.000Z	Digital Photo Professional
19350	Canon	Canon EOS 70D	2017-01-16T10:04:08.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19351	Canon	Canon EOS 70D	2017-01-16T10:04:08.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:06:00.000Z	Digital Photo Professional
19352	Canon	Canon EOS 70D	2017-01-16T10:04:08.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:59.000Z	Digital Photo Professional
19353	Canon	Canon EOS 70D	2017-01-16T10:04:09.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:59.000Z	Digital Photo Professional
19388	Canon	Canon EOS 70D	2017-01-23T16:39:37.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-24T15:40:53.000Z	Digital Photo Professional
19389 19390	Canon	Canon EOS 70D	2017-01-23T16:40:01.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:39:59.000Z	Digital Photo Professional
	Canon	Canon EOS 70D	2017-01-23T16:40:16.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:12.000Z	Digital Photo Professional
19391 19392	Canon Canon	Canon EOS 70D	2017-01-23T16:40:20.000Z	_	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:17.000Z	Digital Photo Professional
		Canon EOS 70D	2017-01-23T16:40:24.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:21.000Z	Digital Photo Professional
19393 19394	Canon	Canon EOS 70D	2017-01-23T16:40:42.000Z	-	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:39.000Z	Digital Photo Professional
19394	Canon	Canon EOS 70D	2017-01-23T16:40:46.000Z	Autosync	3 sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:44.000Z	Digital Photo Professional

```
<http://conservation.bodleian.ox.ac.uk/23945/dimension-height>
                                 crm:E54 Dimension;
         rdfs:label
                                 "Height of image 23945"@en ;
                                 <http://vocab.getty.edu/aat/300055644>;
         crm:P2 has type
          crm:P90 has value
                                "2000"@en ;
       crm:P91 has unit
                                 <http://vocab.getty.edu/aat/300266190> .
<http://conservation.bodleian.ox.ac.uk/19605/digitisation-process>
                                               crmdig:D2 Digitization Process;
          a
                                               "Digitisation process which produced image 19605"@en ;
          rdfs:label
         crm:P14 carried out by
                                               <http://conservation.bodleian.ox.ac.uk/authority/people/andrewhoney>
         crm:P33 used specific technique
                   <http://conservation.bodleian.ox.ac.uk/19605/digitisation-process-design-procedure> ;
         crmdig:L12 happened on device <a href="http://conservation.bodleian.ox.ac.uk/19605/digital-device">crmdig:L12 happened on device <a href="http://conservation.bodleian.ox.ac.uk/19605/digital-device">http://conservation.bodleian.ox.ac.uk/19605/digital-device</a>;
         crmdig:L61 was ongoing at
                                               "2017-02-24T13:47:58.000Z"@en .
```

Integrating catalogue – conservation photographs

ms https://medieval.bodleian.ox.ac.uk/catalog/manuscript 1596> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 7239> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 427> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 7565> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 4820> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 407> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 1719> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 8391> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 1388> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 520> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 6421> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 4630> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 7355> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 3092> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 3090> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 6682> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 6334> https://medieval.bodleian.ox.ac.uk/catalog/manuscript 9998>

photo	ms
https://medieval.bodleian.ox.ac.uk/images/samples/17C02739.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_1596
https://medieval.bodleian.ox.ac.uk/images/samples/17C02575.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7239
https://medieval.bodleian.ox.ac.uk/images/samples/17C01586.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_427
http://connect.ox.ac.uk/bodl/conserv/derivatives/18C00840.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/18C00839.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/18C00838.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/18C00837.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/18C00528.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_4820
http://connect.ox.ac.uk/bodl/conserv/derivatives/18C00527.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_4820
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02784.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02783.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02782.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02781.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02780.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02779.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02778.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02777.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02776.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02775.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02774.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02773.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02772.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02771.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02770.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02769.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02768.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02767.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02766.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7565>

photo	ms
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02702.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_8391
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02691.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_8391
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02570.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7239
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02551.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_7239
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C02537.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_1388
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C01690.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_4630
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C01035.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_3092
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C01029.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_3090>
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C01013.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00836.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_4630
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00828.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00823.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_3090
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00820.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_3092
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00487.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00477.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00476.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00475.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00382.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682
http://connect.ox.ac.uk/bodl/conserv/derivatives/17C00381.jpg	https://medieval.bodleian.ox.ac.uk/catalog/manuscript_6682

```
PREFIX crm: <http://www.cidoc-crm.org/cidoc-crm/>

SELECT DISTINCT ?photo ?ms {
    ?photo crm:P138_represents ?ms .
    ?photo crm:P2_has_type <http://conservation.bodleian.ox.ac.uk/authority/terms/02spine>
    GRAPH <https://medieval.bodleian.ox.ac.uk/> {
        ?ms a crm:E24_Physical_Man-Made_Thing .
    }
} ORDER BY DESC(?photo)
```









OXLOD Bodleian conservation search

Simple search

Search based on photographer

Conservation photos by catalogue shelfmark

Search for conserved books e.g. type "MS. Bodl. 579" or "MS. Laud Misc. 439"

Photos by scene setup type

Search for types of photos e.g. type "23: spine"

Example Records -





٠

Applicable Templates: This resource does already have a direct corresponding page and as such no templates will be applied.

```
1 v <semantic-context repository='bod-cons'>
 2 v <div class="page">
 3 ₹
      <div class='page body'>
 4 ₹
         <h1> OXLOD Bodleian conservation search </h1>
 5
 6 ₹
         <bs-tabs id="tabs">
 7 ₩
           <bs-tab event-key="1" title="Simple search">
 8
9
           <!-- Object search -->
10
11 *
           <h2> Conservation photos by catalogue shelfmark </h2>
12
13 🔻
           <semantic-search>
14 ▼
             <semantic-search-guery-keyword</pre>
15
             query='
16
             PREFIX crm: <a href="http://www.cidoc-crm.org/cidoc-crm/">http://www.cidoc-crm.org/cidoc-crm/</a>
17
             PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
18
             SELECT DISTINCT ?subject ?label {
19
               ?photo crm:P138 represents ?subject .
20
               GRAPH <https://medieval.bodleian.ox.ac.uk/> {
21
                  ?subject a crm:E24 Physical Man-Made Thing .
22
                  ?subject rdfs:label ?label .
23
                  FILTER REGEX(?label, str(? token ), "i")
24
25
26
27
             placeholder='Search for conserved books e.g. type "MS. Bodl. 579" or "MS. Laud Misc. 439"'
28
             min-search-term-length=3
29
             ></semantic-search-query-keyword>
30
31
32
           <!-- Type search -->
33
34 ▼
           <h2> Photos by scene setup type </h2>
35
36 ₹
             <semantic-search-query-keyword</pre>
37
             query='
38
             PREFIX crm: <a href="http://www.cidoc-crm.org/cidoc-crm/">http://www.cidoc-crm.org/cidoc-crm/</a>
             PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
39
40
             SELECT DISTINCT ?subject ?label {
41
               ?photo crm:P138 represents ?subject .
```









OXLOD Bodleian conservation search

Simple search

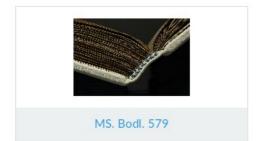
Search based on photographer

Conservation photos by catalogue shelfmark

MS. Bodl. 579

Photos by scene setup type

Search for types of photos e.g. type "23:"



```
@prefix w3id: <http://w3id.org/>
                                                                                              3M
                                                                                                           Mapping: versioning-paper
                                                                                                                                                                                                                                                                                     @prefix rdf:
                                                                                                                                                                                                                                                                                                          <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
     <uri>jacobus-philippus-de-claris-mulieribus</uri>
                                                                                                                                                                                                                                                                                                          <a href="http://www.w3.org/XML/1998/namespace">http://www.w3.org/XML/1998/namespace</a>.
                                                                                                                                                                                                                                                                                     @prefix xml:
           >Jacobus Philippus, De claris mulieribus</label>
                                                                                                                                                                                                                                                                                     @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>
                                                                                                         Matching Table
                                                                                                                                 Generators Analysis Transformation
                                                                                                                                                                                                                                                                                     @prefix exa: <http://example.org/>
          suri>1395</uri>
          <label>inboard bindings</label>
                                                                                                                                                                                                                                                                                      @prefix crm: <http://www.cidoc-crm.org/cidoc-crm/>
     </type>
<components>
                                                                                              ▲ TOP ▼ BOTTOM ◆ VIEW MODE </>
                                                                                                                                                                                                                                                                                                                        crm:E18 Physical Thing;
                                                                                                                                                                                                                                                                                      exa:1497-covers a
          <component>
     <uri>1497-boards</uri>
     <label>1497 boards</label>
                                                                                                                                                                                                                                                               (ALL) MAPS ±
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                          "1497 covers"@en ;
                                                                                                                                                                                               (ALL) IF BUILES **
                                                                                              (ALL) SOURCES **
                                                                                                                                              (ALL) TARGETS **
                                                                                                                                                                                                                          (ALL) COMMENTS **
                                                                                                                                                                                                                                                                                                 crm:P2 has type <http://w3id.org/lob/concept/1530> .
               <type>
                                                                                                                                                                                                                                         Click on a row to edit the matching table
                  IF RULE COMMENTS ±
                                                                                             # SOURCE
                                                                                                                                    TARGET
                                                                                                                                                                                                                                                                                     <a href="http://w3id.org/lob/concept/2830">http://w3id.org/lob/concept/2830</a>
                                                                                                                                                                                                                                                                                                                 crm:E57 Material;
                                                                                             1 D ../bo
                                                                                                                                    <uri><uri>2830</uri>
<label>beech</label>
                                                                                                                                                                                                                                                                                                 rdfs:label "beech"@en .
                                                                                                  P ↓ type
                                                                                                                                            P2 has type
               </material>
                                                                                                                                   E55_Type
                                                                                                                                                                                                                                                                                      exa:1600-cover a crm:E18 Physical Thing :
                                                                                                  R ____ type
                                                                                                                                                                                                                                                                                                rdfs:label "1600 cover"@en
                                                                                                 P 1 ../component
                                                                                                                                             P46_is_composed_of
               <uri>1497-split-straps</uri>
               R .../component
                                                                                                                                    E18_Physical_Thing
                                                                                                                                                                                                                                                                                      exa:1600-slips a crm:E18 Physical Thing;
                                                                                                                                                                                                                                                                                                 rdfs:label "1600 slips"@en
                                                                                                                                              P46_is_composed_of
               </type>
                                                                                                                                            E18_Physical_Thing
                                                                                                                                    <http://w3id.org/lob/concept/1658>
              P2_has_type
                                                                                                                                                                                                                                                                                                                 crm:E57_Material;
                                                                                                                                                                                                                                                                                                 rdfs:label "tanned-skin"@en
                                                                                                                                             E55 Type
                                                                                                  R .../type
                                                                                                                                    P46_is_composed_of
                                                                                                                                                                                                                                                                                     exa:v2-cover-addition
                                                                                                                                             E18_Physical_Thing
                                                                                                                                                                                                                                                                                                                              crm:E79 Part Addition;
                                                                                                      1 ../materia
                                                                                                                                    -
               </material>
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                              "V2 Cover Addition"@en ;
                                                                                                                                             P45 consists of
                                                                                                                                                                                                                                                                                                crm:Pl10 augmented exa:jacobus-philippus-de-claris-mulieribus;
                                                                                                                                            E57 Material
               curio1497-coverecturio
                                                                                                  R .../material
                                                                                                                                   crm:P111 added
                                                                                                                                                                                                                                                                                                                             exa:1600-cover .
               + Map
                                                                                                                                                                                                                                                                                                                                  crm:E12 Production :
                                                                                                                                                                                                                                                                                      exa:vl-binding a
                                                                                                                                                                                                                                             IF RULE COMMENTS ±
                                                                                              # SOURCE
                                                                                                                                    TARGET
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                                  "V1 Binding"@en :
                                                                                                                                                                                                                                                                                                 crm:P108 has produced exa:jacobus-philippus-de-claris-mulieribus;
                                                                                                     ______./prod
                                                                                                                                                                                                                                                                                                crm:P4 has time-span <uuid:AA> .
              <uri>1600-slips</uri>
<label>1600 slips</label>
                                                                                                     ↓ book
                                                                                                                                             P108 has produced
                                                                                                                                                                                                                                                                                      <a href="http://w3id.org/lob/concept/1369">http://w3id.org/lob/concept/1369</a>
                                                                                                     book
                                                                                                                                             E24_Physical_Man-Made_Thing
                                                                                                                                                                                                                                                                                                a crm:E57_Material;
rdfs:label "goatskin"@en .
                                                                                                                                             P4_has_time-span
                                                                                                      ↓ time-span
                                                                                                                                    100
                                                                                                                                             F52 Time-Span
          <uri>v1-binding</pri>
                                                                                                                                                                                                                                                                                      suuid:AA> a
                                                                                                                                                                                                                                                                                                                                          crm:E52 Time-Span :
          <uri>vu-binding</ubel>
<dabelvNl Binding</label>
<book>
<uri>jacobus-philippus-de-claris-mulieribus</uri>
<label>Jacobus Philippus, De claris mulieribus</label>
                                                                                                                                            P82 at some time within
                                                                                                                                                                                                                                                                                                crm:P82 at some time within "1497"@en
                                                                                                  R ___ time-span
                                                                                                                                   rdf-schema#Literal
                                                                                                                                                                                                                                                                                     exa:1497-boards a
                                                                                                                                                                                                                                                                                                                               crm:E18 Physical Thing;
                                                                                                                                                                           + Link
                                                                                                                                                                                         + Map
                                                                                                                                                                                                                                                                                                rdfs:label
                                                                                                                                                                                                                                                                                                                                "1497 boards"@en ;
          <addition>
              <uri>vl-board-addition</uri>
<label>Vl Board Addition</label>
                                                                                                                                                                                                                                                                                                                               <http://w3id.org/lob/concept/1222>;
                                                                                              # SOURCE
                                                                                                                                    TARGET
                                                                                                                                                                                                                                             IF RULE COMMENTS :
                                                                                                                                                                                                                                                                                                 crm:P2_has_type
                                                                                                                                                                                                                                                                                                crm:P45 consists of <a href="http://w3id.org/lob/concept/2830">http://w3id.org/lob/concept/2830</a>
                                                                                            3 D .../moc
                                                                                                                                    P31_has_modified
                                                                                                                                                                                                                                                                                                                               crm:E80 Part Removal :
                                                                                                  P 1 book
                                                                                                                                                                                                                                                                                     exa:v2-cover-removal a
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                                "V2 Cover Removal"@en ;
                                                                                                  R | book
              <augmented:
                                                                                                                                            E24_Physical_Man-Made_Thing
                                                                                                                                                                                                                                                                                                 crm:P112 diminished exa:jacobus-philippus-de-claris-mulieribus;
                   <uri>jacobus-philippus-de-claris-mulieribus</uri>
                   <label>Jacobus Philippus, De claris mulieribus</label>
                                                                                                                                                                                                                                                                                                 crm:P113 removed
                                                                                                                                                                                                                                                                                                                             exa:1497-cover .
                                                                                                                                                                           + Link
                                                                                                                                                                                         + Map
               </augmented>
                                                                                              # SOURCE
                                                                                                                                    TARGET
                                                                                                                                                                                                                                              IF RULE COMMENTS :
                                                                                                                                                                                                                                                                                     <http://w3id.org/lob/concept/1395>
              <uri>v1-cover-addition</uri>
<label>V1 Cover Addition</label>
                                                                                                                                                                                                                                                                                                a crm:E55_Type;
rdfs:label "inboard bindings"@en .
                                                                                            4 D .../addit
                                                                                                                                    E79_Part_Addition
              <added>
<uri>1497-cover</uri>
<label>1497 cover</label>
                                                                                                                                    ↓ P117_occurs_during
                                                                                                      1 uri
                                                                                                                                            E12_Production
                                                                                                  R uri
                                                                                                                                   exa:v1-cover-addition
               </added>
               </anneon
<augmented>
claplented>
clabel>Jacobus-philippus-de-claris-mulieribus</uri>
<augmented>
clabel>Jacobus Philippus, De claris mulieribus</label>
</augmented>
</au
                                                                                                                                                                                                                                                                                                                              crm:E79 Part Addition ;
                                                                                                                                             P111 added
                                                                                                  P 1 added
                                                                                                                                    1
                                                                                                                                                                                                                                                                                                  rdfs:label
                                                                                                                                                                                                                                                                                                                              "V1 Cover Addition"@en ;
                                                                                                  R ___ added
                                                                                                                                    E18 Physical Thing
                                                                                                                                                                                                                                                                                                 crm:Pl10_augmented exa:jacobus-philippus-de-claris-mulieribus;
                                                                                                                                                                                                                                                                                                 crm:P111 added
                                                                                                                                                                                                                                                                                                                             exa:1497-cover .
                                                                                                                                             P110 augmented
          </addition:
                                                                                                  P 1 augmented
          <time-span>1497</time-span>
                                                                                                 R augmented
                                                                                                                                             E24_Physical_Man-Made_Thing
                                                                                                                                                                                                                                                                                     <http://w3id.org/lob/concept/1626>
                                                                                                                                                                                                                                                                                                                 crm:ESS Type :
          <uri>v2-binding</uri>
<label>V2 Binding</label>
                                                                                                                                                                                         + Map
                                                                                                                                                                           + Link
                                                                                                                                                                                                                                                                                                 rdfs:label "split-straps"@en .
                                                                                                                                                                                                                                              IF RULE COMMENTS :
                                                                                              # SOURCE
              ~uri>jacobus-philippus-de-claris-mulieribus</uri>
<label>Jacobus Philippus, De claris mulieribus</label>
                                                                                                                                                                                                                                                                                                                              crm:E80 Part Removal ;
                                                                                                                                                                                                                                                                                     exa:v2-board-removal a
                                                                                            5 D ./additio
                                                                                                                                    \overline{\phantom{a}}
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                                "V2 Board Removal"@en ;
          <removal>
                                                                                                                                             P117 occurs during
                                                                                                                                                                                                                                                                                                 crm:P112 diminished exa:jacobus-philippus-de-claris-mulieribus;
                                                                                                      1 uri
              <uri>v2-board-removal</uri>
<label>V2 Board Removal</label>
                                                                                                                                                                                                                                                                                                 crm:P113 removed exa:1497-boards .
                                                                                                   R uri
                                                                                                                                            E11_Modification
                  <uri>1497-boards</uri>
<label>1497 boards</label>
                                                                                                                                             P111 added
                                                                                                  P 1 added
                                                                                                                                                                                                                                                                                     <http://w3id.org/lob/concept/1530>
                                                                                                                                             E18_Physical_Thing
                                                                                                                                                                                                                                                                                                                crm:ESS Type :
                                                                                                   R added
               </removed>
<diminished>
                                                                                                                                                                                                                                                                                                 rdfs:label "quarter covers"@en .
                   <uri>iacobus-philippus-de-claris-mulieribus</uri>
                                                                                                  P 1 augmented
                                                                                                                                             P110 augmented
                   <label>Jacobus Philippus, De claris mulieribus</label>
                                                                                                                                             E24_Physical_Man-Made_Thing
                                                                                                  R ___ augmented
                                                                                                                                                                                                                                                                                     exa:jacobus-philippus-de-claris-mulieribus
                                                                                                                                                                                                                                                                                                                                   crm:E24 Physical Man-Made Thing;
                                                                                                  P 1 after
                                                                                                                                             P120i_occurs_afte
              <uri>v2-cover-removal</uri>
<label>V2 Cover Removal</label>
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                                    "Jacobus Philippus, De claris mulieribus"@en ;
                                                                                                                                            E80_Part_Removal
                                                                                                  R after
                                                                                                                                   crm:P2_has_type
                                                                                                                                                                                                                                                                                                                                    <http://w3id.org/lob/concept/1395>;
                                                                                                                                                                                                                                                                                                crm:P46 is composed of exa:1600-slips , exa:1497-covers , exa:1497-split-straps , exa:1497-boards
                  + Map
                                                                                                                                                                                                                                                                                     exa:1497-cover a crm:E18_Physical_Thing;
rdfs:label "1497 cover"@en .
                                                                                                                                                                                                                                              IF RULE COMMENTS :
                                                                                              # SOURCE
                                                                                                                                    TARGET
                  ~uri>jacobus-philippus-de-claris-mulieribus</uri>
<label>Jacobus Philippus, De claris mulieribus</label>
                                                                                                                                            E80_Part_Remova
                                                                                             6 D .../ren
                                                                                                                                                                                                                                                                                      <http://w3id.org/lob/concept/1222>
               </diminished>
               <before>
                                                                                                                                                                                                                                                                                                                 crm:E55_Type ;
                   <uri>v2-cover-addition</uris</pre>
                                                                                                                                             E11 Modification
                                                                                                  R uri
                                                                                                                                                                                                                                                                                                 rdfs:label "boards"@en .
                   <label>V2 Cover Addition</label>
                                                                                                      ↓ removed
                                                                                                                                              P113 removed
          </renoval>
</renoval>
<addition>
<uri>>v2-cover-addition</uri>
<label>V2 Cover Addition</label>
                                                                                                                                                                                                                                                                                     exa:1497-split-straps
                                                                                                  R removed
                                                                                                                                             E18_Physical_Thing
                                                                                                                                                                                                                                                                                                                               crm:El8 Physical Thing;
                                                                                                  P 1 diminished
                                                                                                                                             P112_diminished
                                                                                                                                                                                                                                                                                                                                "1497 split-straps"@en ;
               <added>
                   ded>
<uri>1600-cover</uri>
                                                                                                  R ___ diminished
                                                                                                                                             E24 Physical Man-Made Thing
                                                                                                                                                                                                                                                                                                 crm:P2 has type
                                                                                                                                                                                                                                                                                                                                <http://w3id.org/lob/concept/1626>;
                   <label>1600 cover</label>
                                                                                                                                                                                                                                                                                                crm:P45 consists of <a href="http://w3id.org/lob/concept/1658">http://w3id.org/lob/concept/1369</a>.
                                                                                                                                             P120 occurs before
                                                                                                  P | before
                                                                                                                                            E79_Part_Addition
                  R ____ before
                                                                                                                                                                                                                                                                                     exa:vl-board-addition
                                                                                                                                                                                                                                                                                                                              crm:E79 Part Addition :
                                                                                                                                                                                         + Map
                                                                                                                                                                           + Link
               </augmented>
                                                                                                                                                                                                                                                                                                rdfs:label
                                                                                                                                                                                                                                                                                                                              "V1 Board Addition"@en ;
                                                                                                                                                                                                                                                                                                crm:Pll0 augmented exa:jacobus-philippus-de-claris-mulieribus;
                   <uri>v2-cover-removal</uri>
                   <label>V2 Cover Removal</label>
                                                                                                                                                                                                                                                                                                 crm:P111 added
                                                                                                                                                                                                                                                                                                                             exa:1497-boards
     </addition>
<time-span>1600</time-span>
</modification>
                                                                                                                                                                                                                                                                                     exa:v2-binding a
                                                                                                                                                                                                                                                                                                                                 crm:Ell Modification;
                                                                                                                                                                                                                                                                                                 rdfs:label
                                                                                                                                                                                                                                                                                                                                 "V2 Binding"@en ;
</history>
                                                                                                                                                                                                                                                                         User:ave
                                                                                                                                                                                                                                                                                                crm:P31 has modified exa:jacobus-philippus-de-claris-mulieribus
```

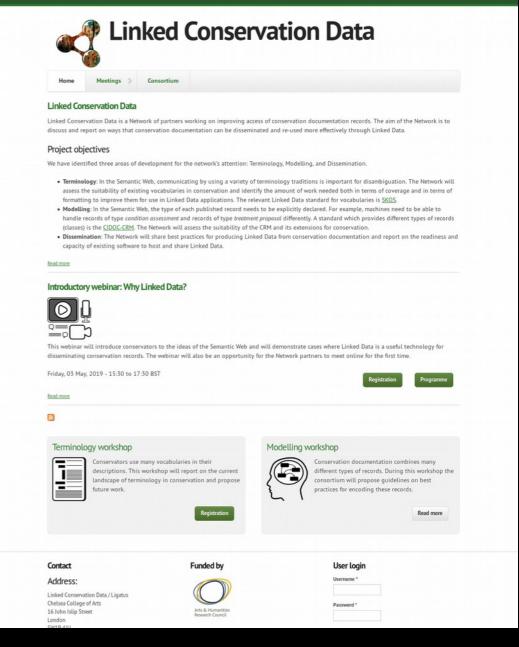
Summary

- Data integration:
 - does not affect existing systems
 - produces new conclusions
- Existing databases:
 - require mapping
 - require links to thesauri and authority files

Summary

- Data integration:
 - does not affect existing systems
 - produces new conclusions
- Existing databases:
 - require mapping
 - require links to thesauri and authority files
- Not discussed:
 - open data licencing
 - observing uncertainty
 - contradicting observations

Linked Conservation Data



https://www.ligatus.org.uk/lcd/