A workflow for publishing Linked Data for conservation documentation

A case study from Oxford Museums and Libraries

Athanasios Velios
Nicole Gilroy
Alexandra Greathead

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Bodleian Libraries
UNIVERSITY OF OXFORD

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MUSEUM OF ART AND ARCHAEOLOGY UNIVERSITY OF OXFORD

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Oxford Linked Open Data (OXLOD)

OXLOD is a Linked Data pilot project for the University of Oxford's Collections

Project website ›

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Why Linked Data?

Sangreal. Arthur Rackham

Larger sample → Better conclusions

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Larger sample →
Better conclusions

Data integration

Sangreal. Arthur Rackham

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

How it works

Tim Berners-Lee
Date: September 1998. Last modified: $Date: 1998/10/14 20:17:13 $

Status: An attempt to give a high-level plan of the architecture of the Semantic WWW. Editing status: Draft. Comments welcome

Up to Design Issues

Semantic Web Road map

A road map for the future, an architectural plan untested by anything except thought experiments.

This was written as part of a requested road map for future Web design, from a level of 20,000ft. It was spun off from an Architectural overview for an area which required more elaboration than that overview could afford.

Necessarily, from 20,000 feet, large things seem to get a small mention. It is architecture, then, in the sense of how things hopefully will fit together. So we should recognize that while it might be slowly changing, this is also a living document.

This document is a plan for achieving a set of connected applications for data on the Web in such a way as to form a consistent logical web of data (semantic web).

Introduction

The Web was designed as an information space, with the goal that it should be useful not only for human-human communication, but also that machines would be able to participate and help. One of the major obstacles to this has been the fact that most information on the Web is designed for human consumption, and even if it was derived from a database with well defined meanings (in at least some terms) for its columns, that the structure of the data is not evident to a robot browsing the web. Leaving aside the artificial intelligence problem of training machines to behave like people, the Semantic Web approach instead develops languages for expressing information in a machine processable form.

This document gives a road map - a sequence for the incremental introduction of technology to take us, step by step, from the Web of today to a Web in which machine reasoning will be ubiquitous and devastatingly powerful.

It follows the note on the architecture of the Web, which defines existing design decisions and principles for what has been accomplished to date.

Machine-Understandable information: Semantic Web

The Semantic Web is a web of data, in some ways like a global database. The rationale for creating such an infrastructure is given elsewhere [Web future talks &c] here I only outline the architecture as I see it.

The basic assertion model

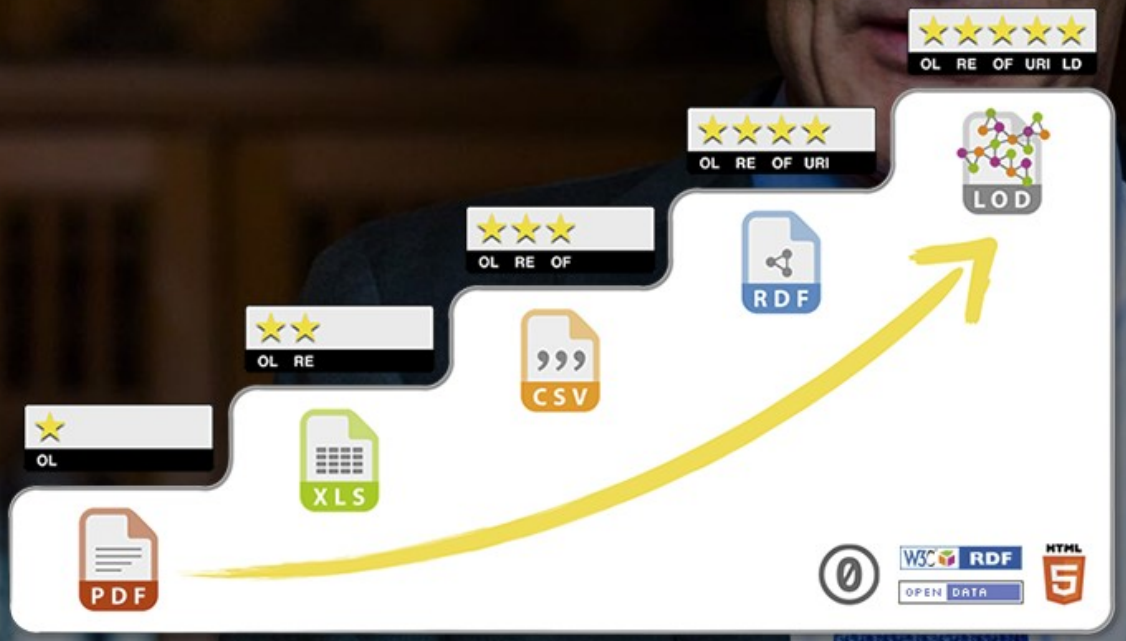
When looking at a possible formulation of a universal Web of semantic assertions, the principle of minimalist design requires that it be based on a common model of great generality. Only when the common model is general can any prospective application be mapped onto the model. The general model is the Resource Description Framework.

See the RDF Model and Syntax Specification

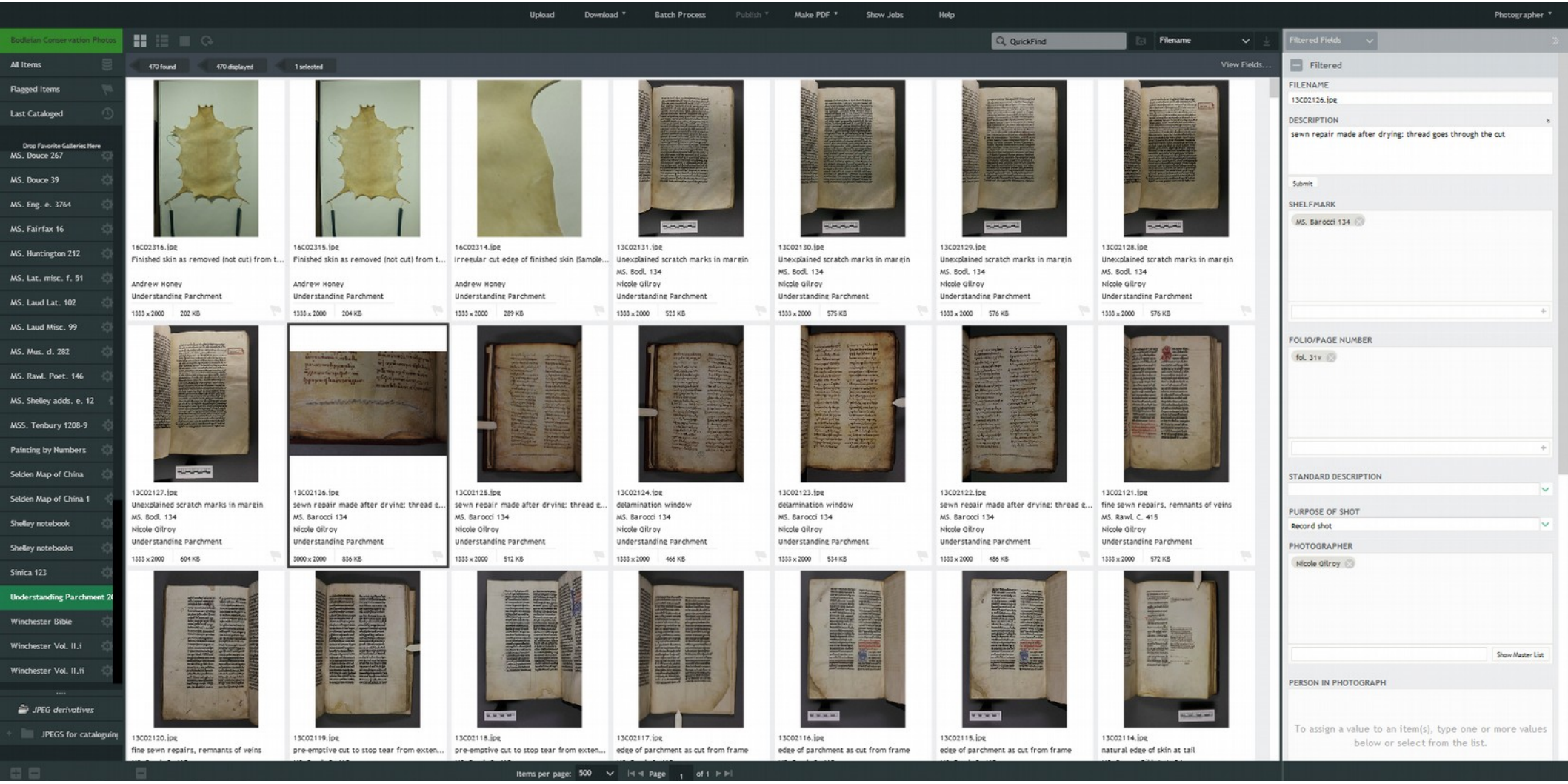
Being general, this is very simple. Being simple there is nothing much you can do with the model itself without layering many things on top. The basic model contains just the concept of an **assertion**, and the concept of **quotation** - making assertions about

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.



Bodleian library



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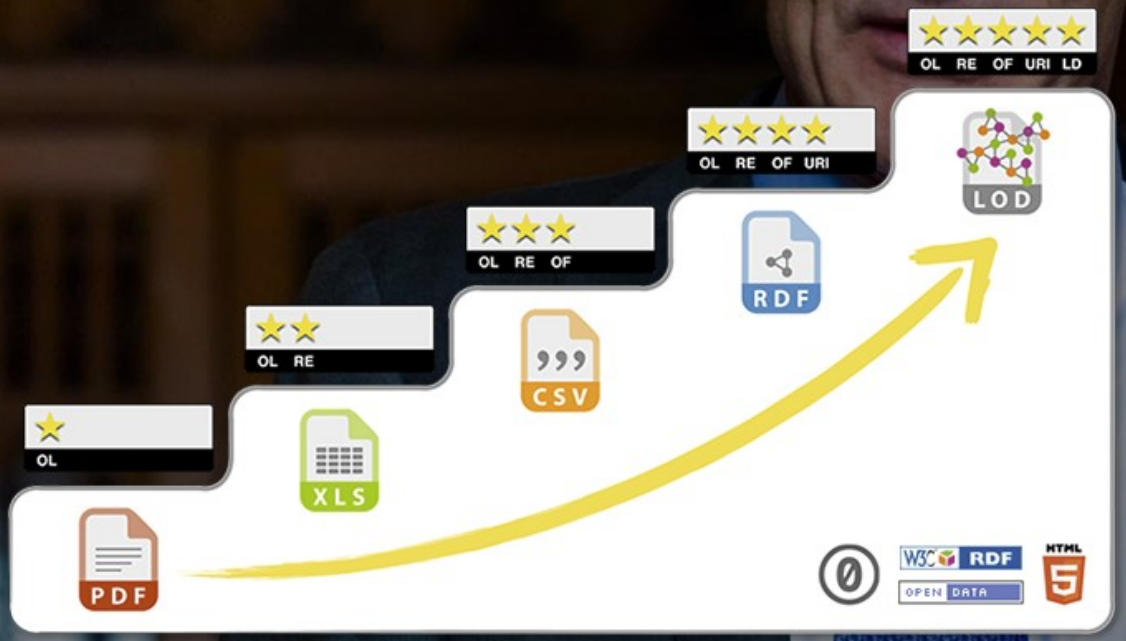

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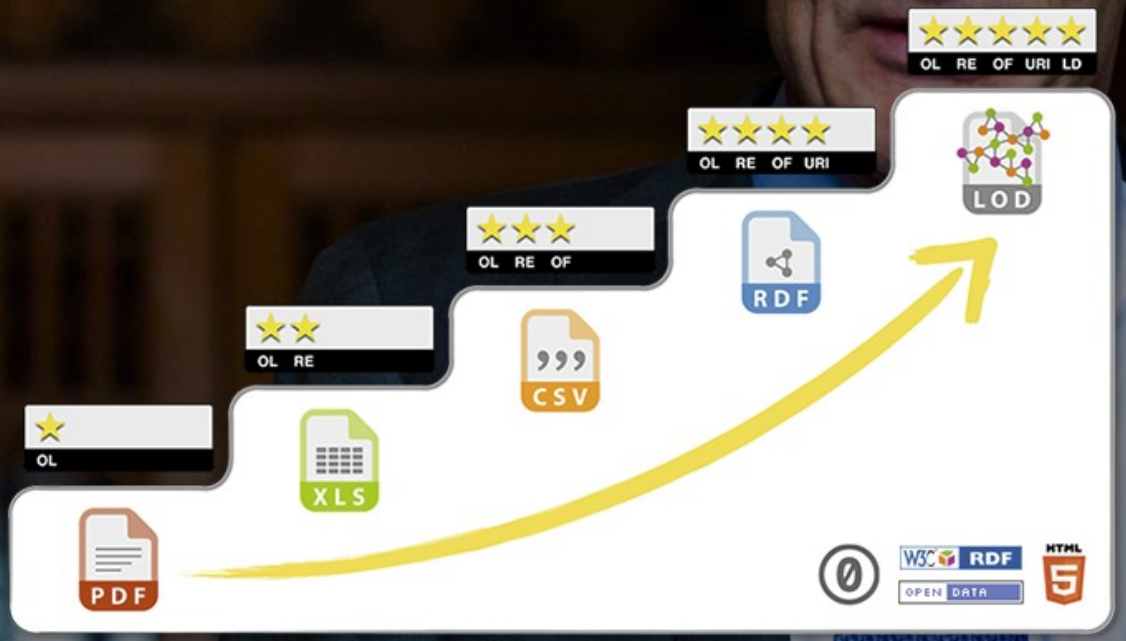

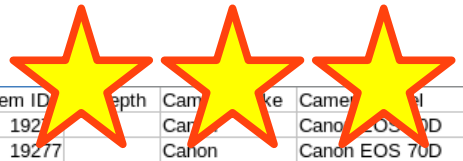

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19323		Canon		Canon EOS 70D		2017-01-13T11:04:38.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:11.000Z	Digital Photo Professional
19324		Canon		Canon EOS 70D		2017-01-13T11:04:38.000Z	AutoSync	3	sRGB v1.31 (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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
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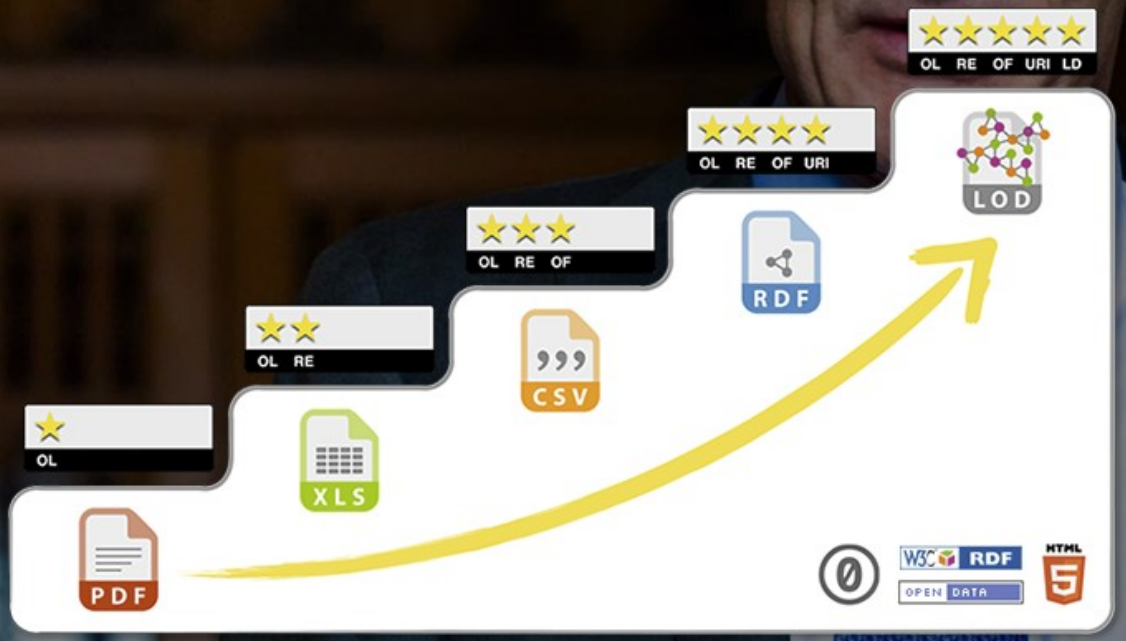
19341		Canon		Canon EOS 70D		2017-01-16T09:59:36.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19342		Canon		Canon EOS 70D		2017-01-16T09:59:40.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
19343		Canon		Canon EOS 70D		2017-01-16T09:59:45.000Z	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-24T15:40:53.000Z	Digital Photo Professional
19389		Canon		Canon EOS 70D		2017-01-23T16:40:01.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:39:59.000Z	Digital Photo Professional
19390		Canon		Canon EOS 70D		2017-01-23T16:40:16.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:12.000Z	Digita nal
19391		Canon		Canon EOS 70D		2017-01-23T16:40:20.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:17.000Z	Digita
19392		Canon		Canon EOS 70D		2017-01-23T16:40:24.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:21.000Z	
19393		Canon		Canon EOS 70D		2017-01-23T16:40:42.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:39.000Z	
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	

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

Item ID	Bit Depth	Camera Make	Camera Model	Cataloged	Cataloged By	Color Mode	Color Profile	Copyright	Created	Creator Application
19276		Canon	Canon EOS 70D	2017-01-11T12:32:17.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T12:55:58.000Z	Digital Photo Professional
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19278		Canon	Canon EOS 70D	2017-01-11T15:54:28.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:23.000Z	Digital Photo Professional
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19280		Canon	Canon EOS 70D	2017-01-11T15:54:35.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:31.000Z	Digital Photo Professional
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19283		Canon	Canon EOS 70D	2017-01-11T15:54:48.000Z	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:52.000Z	Digital Photo Professional
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19288		Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:03.000Z	Digital Photo Professional
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19292		Canon	Canon EOS 70D	2017-01-11T15:57:15.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:19.000Z	Digital Photo Professional
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19315		Canon	Canon EOS 70D	2017-01-13T10:54:59.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:54:55.000Z	Digital Photo Professional
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19317		Canon	Canon EOS 70D	2017-01-13T10:55:07.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:01.000Z	Digital Photo Professional
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19323		Canon	Canon EOS 70D	2017-01-13T11:04:38.000Z	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-13T10:55:18.000Z	Digital Photo Professional
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19343		Canon	Canon EOS 70D	2017-01-16T09:59:45.000Z	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:05:58.000Z	Digital Photo Professional
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19351		Canon	Canon EOS 70D	2017-01-16T10:04:08.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-16T10:06:00.000Z	Digital Photo Professional
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19390		Canon	Canon EOS 70D	2017-01-23T16:40:16.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:12.000Z	Digital Photo Professional
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Image

Item ID	Bit Depth	Camera Make	Camera Model	Cataloged	Cataloged By	Color Mode	Color Profile	Copyright	Created	Creator Application
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19278		Canon	Canon EOS 70D	2017-01-11T15:54:28.000Z	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:38.000Z	Digital Photo Professional
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19284		Canon	Canon EOS 70D	2017-01-11T15:54:56.000Z	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:03.000Z	Digital Photo Professional
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19290		Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:18.000Z	Digital Photo Professional
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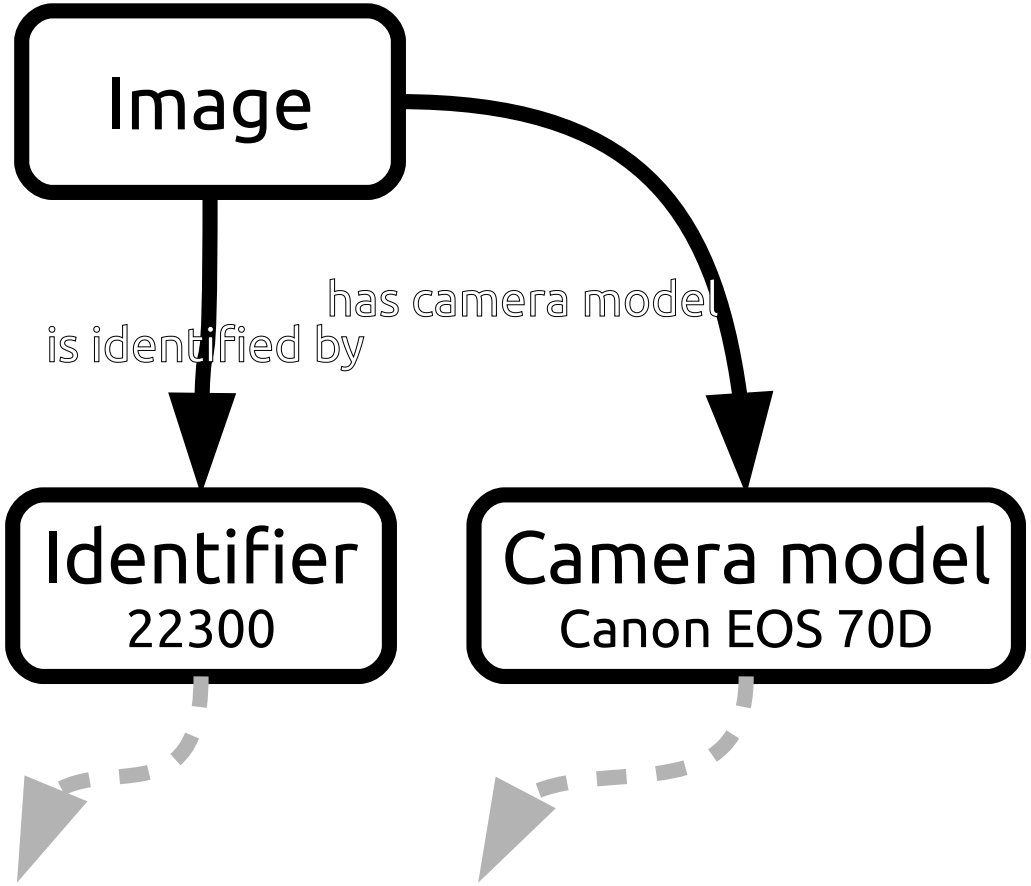
19312		Canon	Canon EOS 70D	2017-01-12T11:53:12.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-12T11:53:08.000Z	Digital Photo Professional
19313		Canon	Canon EOS 70D	2017-01-12T11:53:14.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-12T11:53:11.000Z	Digital Photo Professional



Item ID	Bit Depth	Camera Make	Camera Model	Cataloged	Cataloged By	Color Mode	Color Profile	Copyright	Created	Creator Application
19276		Canon	Canon EOS 70D	2017-01-11T12:32:17.000Z	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:56.000Z	Digital Photo Professional
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19287		Canon	Canon EOS 70D	2017-01-11T15:55:30.000Z	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:03.000Z	Digital Photo Professional
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19290		Canon	Canon EOS 70D	2017-01-11T15:57:14.000Z	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:19.000Z	Digital Photo Professional
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19294		Canon	Canon EOS 70D	2017-01-11T15:57:16.000Z	AutoSync	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	AutoSync	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	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-12T11:53:08.000Z	Digital Photo Professional
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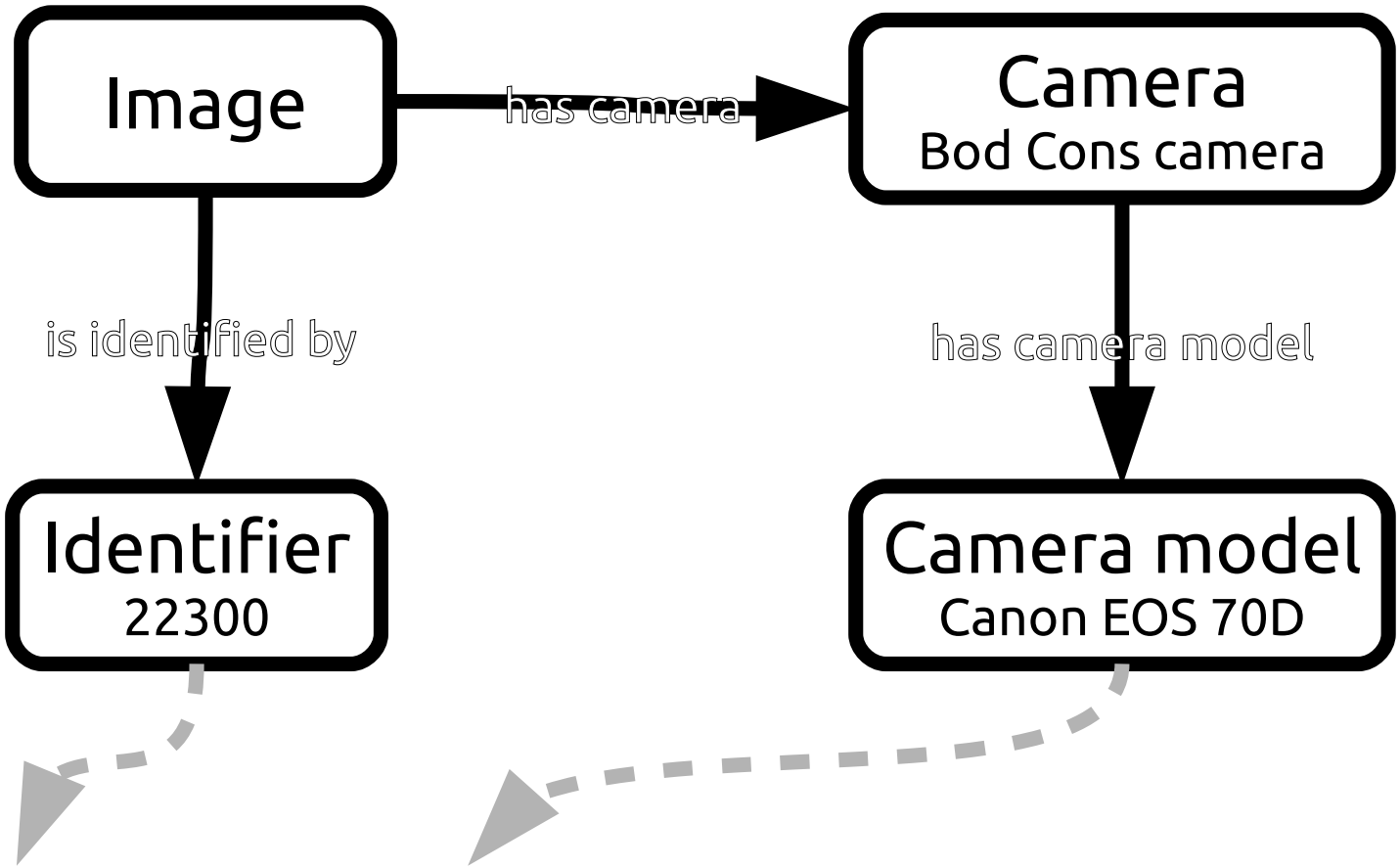

Item ID	Bit Depth	Camera Make	Camera Model	Cataloged	Cataloged By	Color Mode	Color Profile	Copyright	Created	Creator Application
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19280		Canon	Canon EOS 70D	2017-01-11T15:54:35.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:31.000Z	Digital Photo Professional
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19283		Canon	Canon EOS 70D	2017-01-11T15:54:48.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:46.000Z	Digital Photo Professional
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19287		Canon	Canon EOS 70D	2017-01-11T15:55:30.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:55:28.000Z	Digital Photo Professional
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19292		Canon	Canon EOS 70D	2017-01-11T15:57:15.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-11T15:54:19.000Z	Digital Photo Professional
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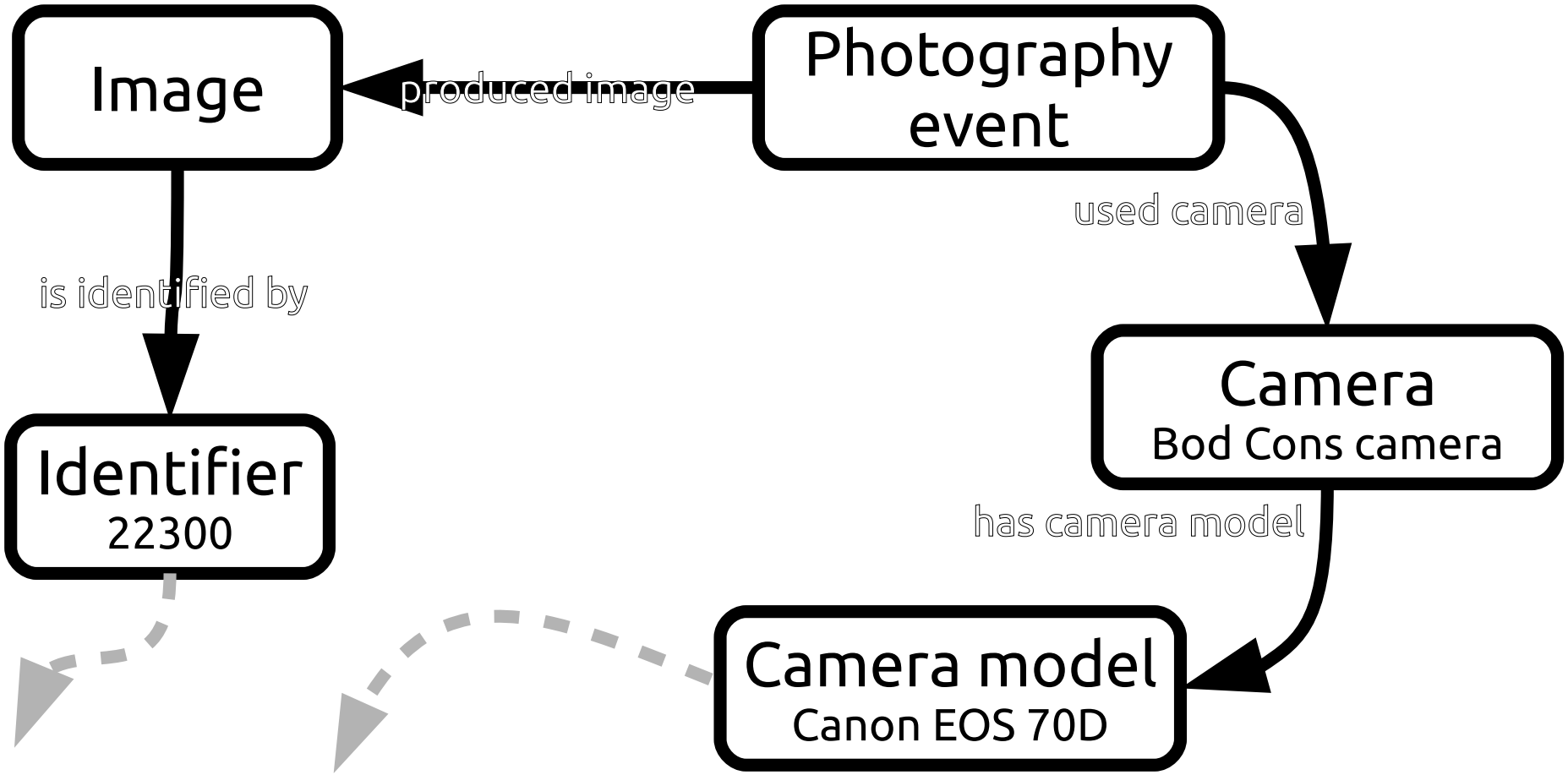

Item ID	Bit Depth	Camera Make	Camera Model	Cataloged	Cataloged By	Color Mode	Color Profile	Copyright	Created	Creator Application
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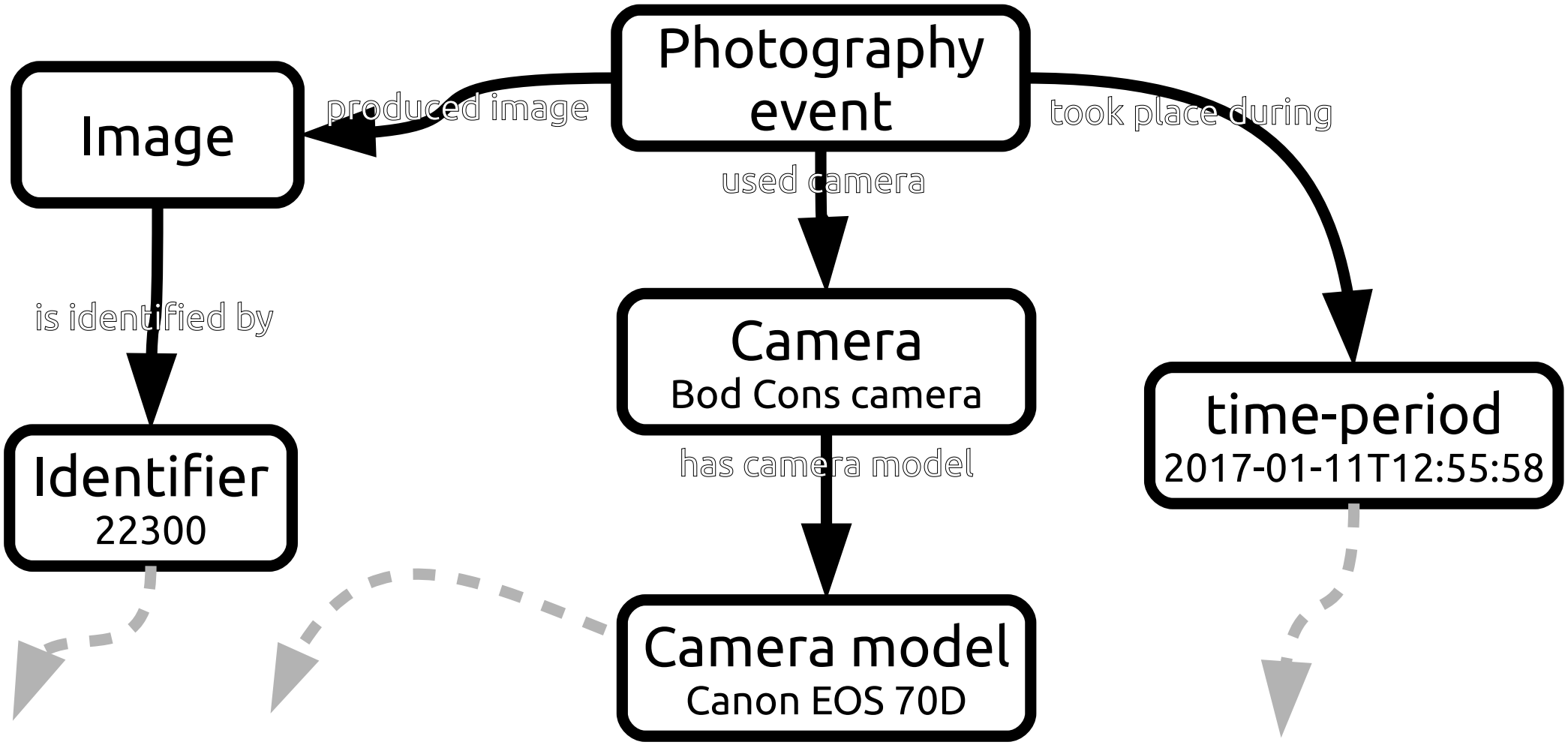

Item ID	Bit Depth	Camera Make	Camera Model	Cataloged	Cataloged By	Color Mode	Color Profile	Copyright	Created	Creator Application
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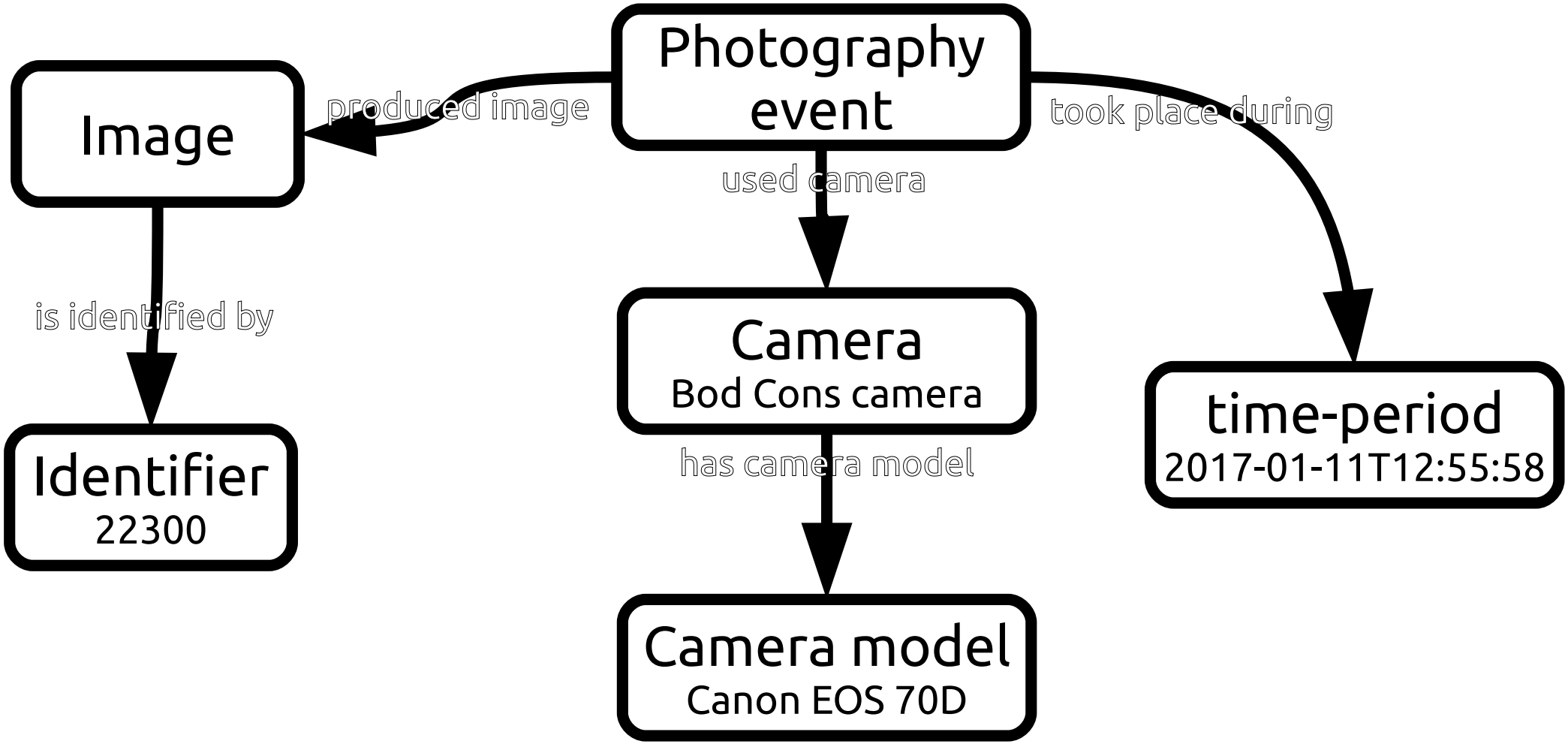
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Canon EOS 70D

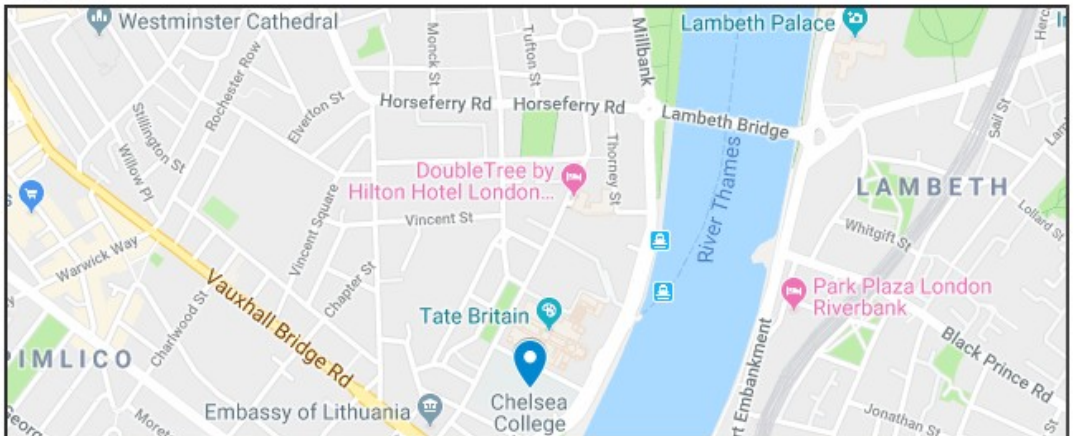
Linked Conservation Data

Modelling workshop

Thursday, 12 September, 2019 (All day)
This workshop will take place in London, UK. Conservation documentation combines many different types of records. During this workshop the consortium will propose guidelines on best practices for encoding these records.
Purpose:

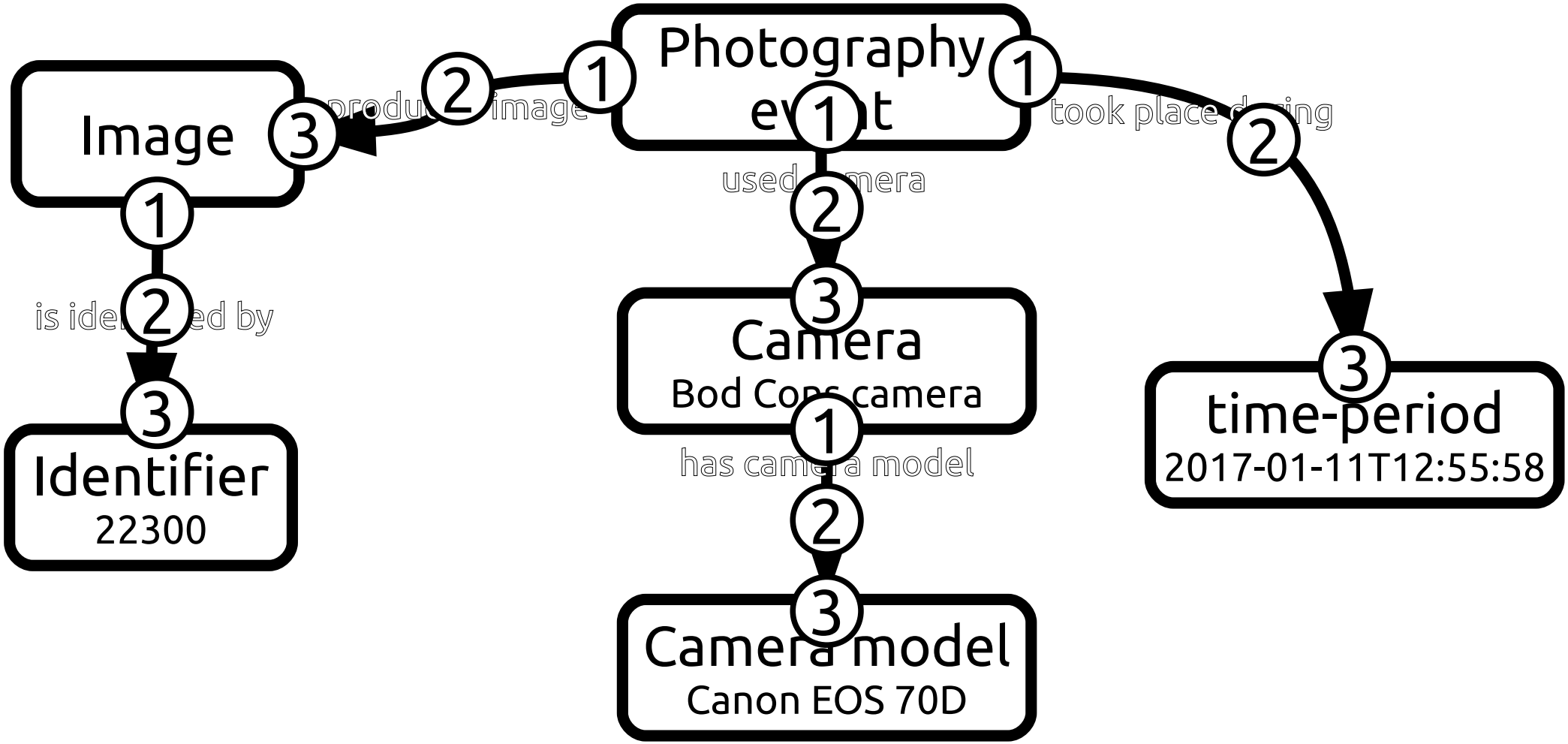
- to share past experiences and current practices around modelling conservation data,
- to assess the suitability of the CRM and propose modifications to match conservation requirements,
- to share examples of sharing conservation data,

Location:



Modelling workshop

Thursday, 12 September, 2019 (All day) to Friday, 13 September, 2019 (All day)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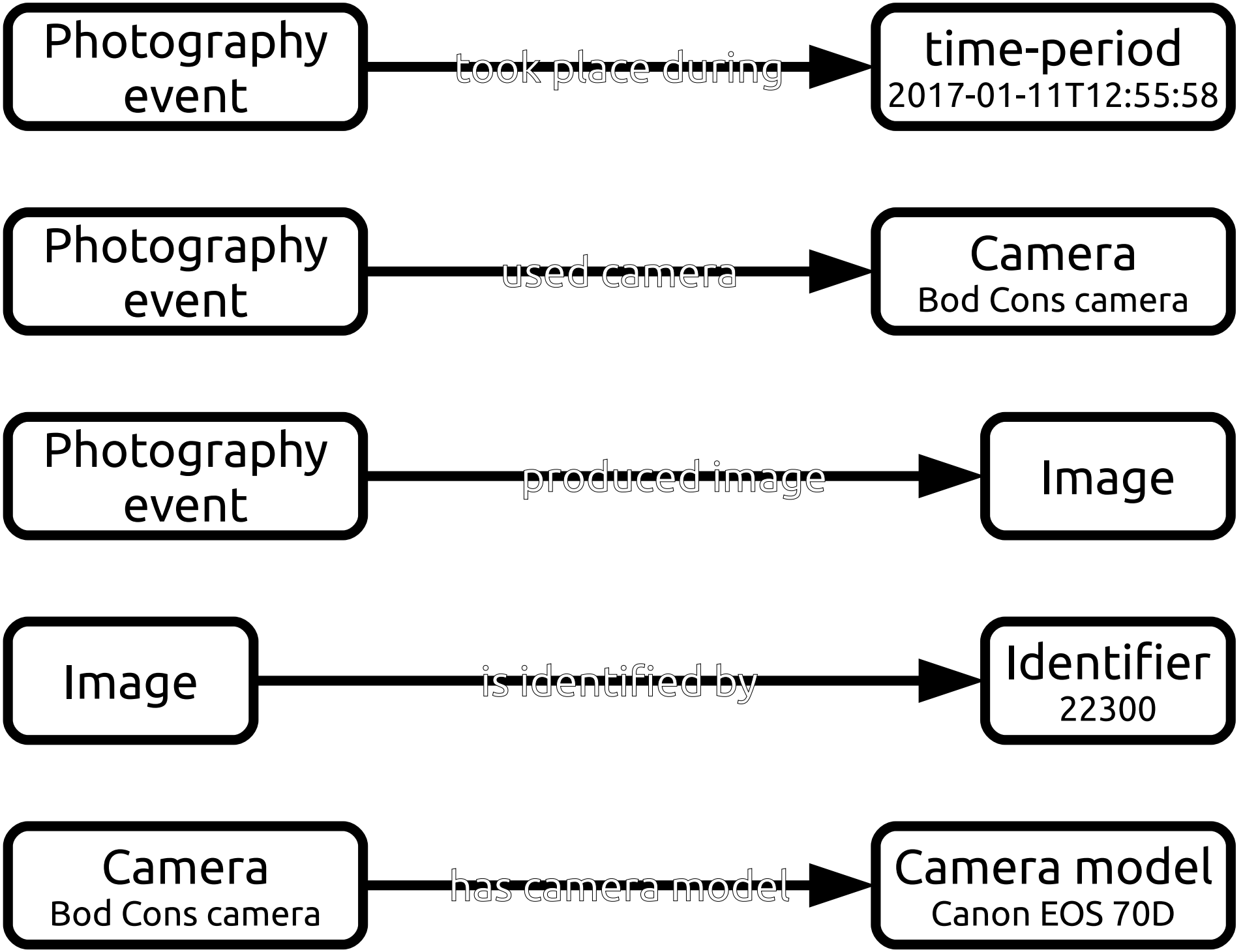
Camera model
Canon EOS 70D


Photography event
took place during
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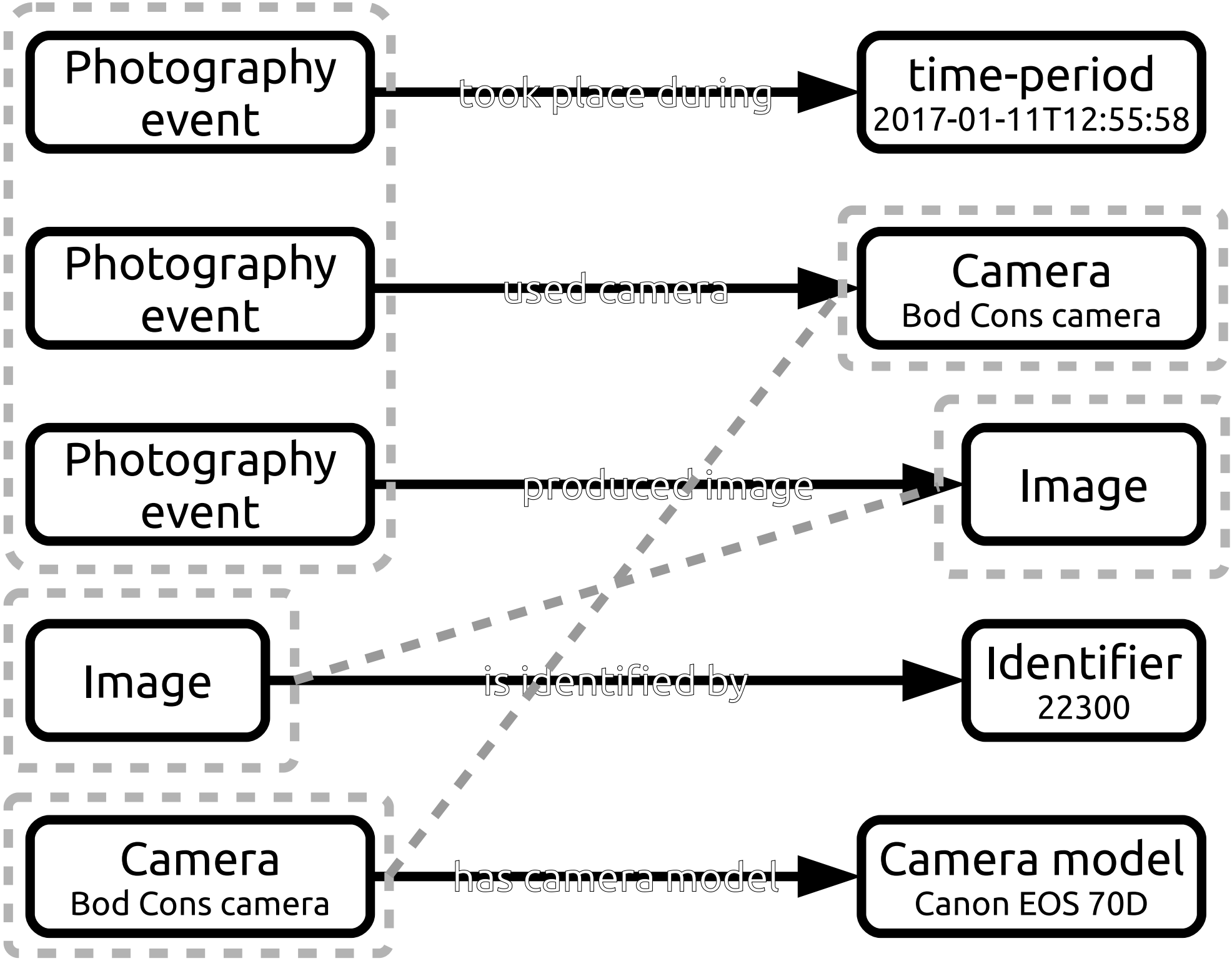
2017-01-11T12:55:58
Photography event
used camera
Camera
Bod Cons camera
Photography event
produced image
Image
Image
is identified by
Identifier
22300
Camera
Bod Cons camera
has camera model
Camera model
Canon EOS 70D


Photography event
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time-period
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Photography event
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22300
Camera
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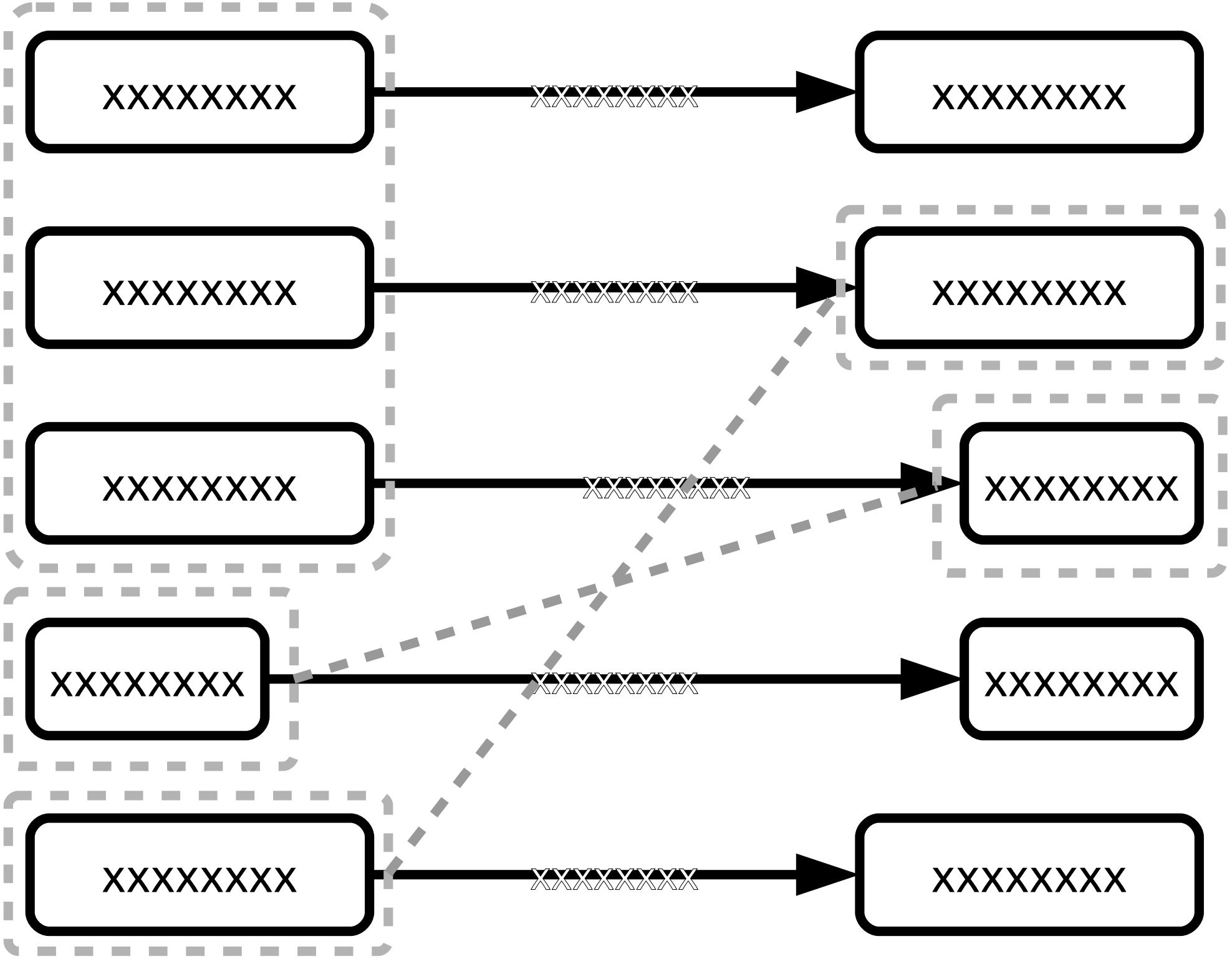
Camera model
Canon EOS 70D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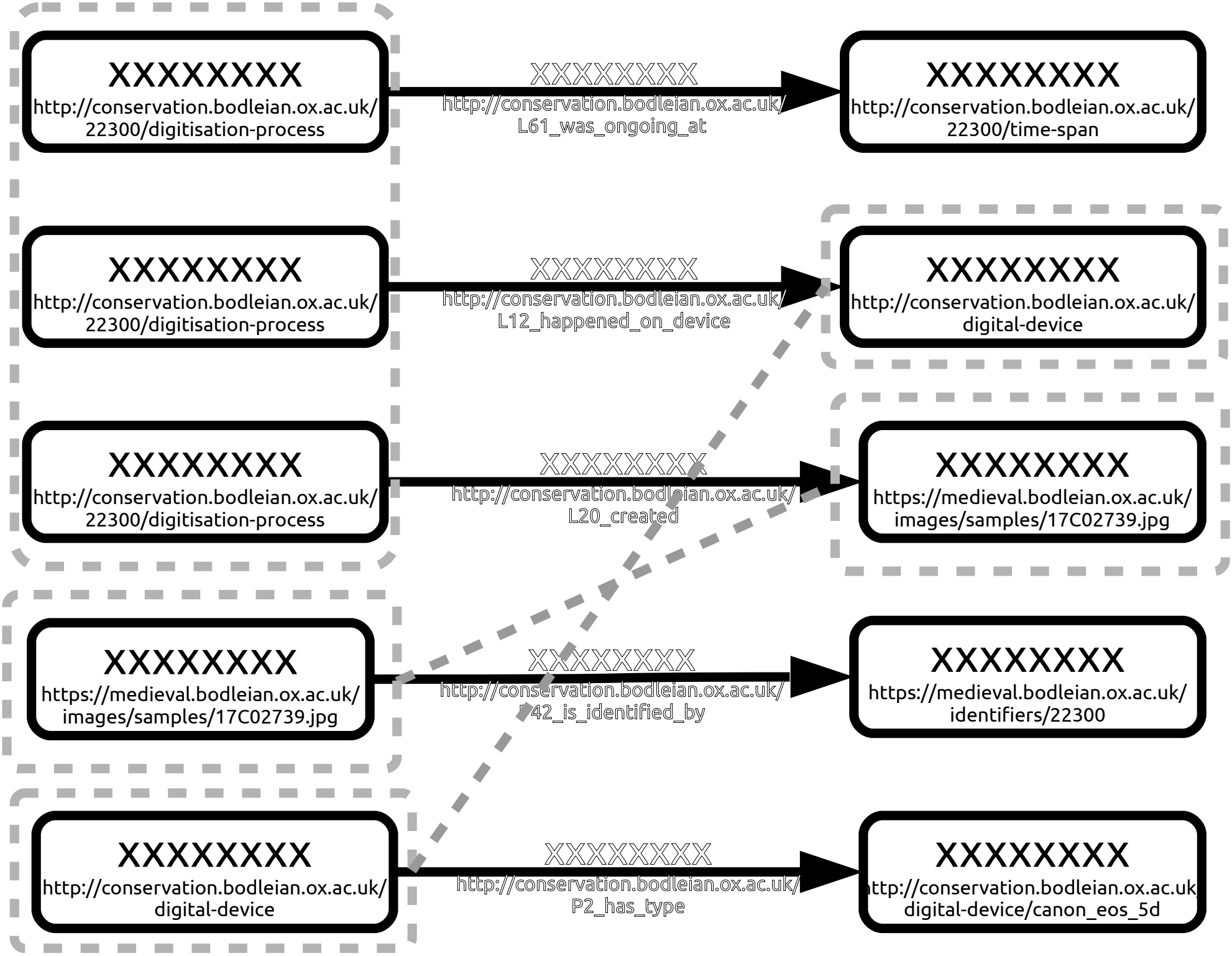
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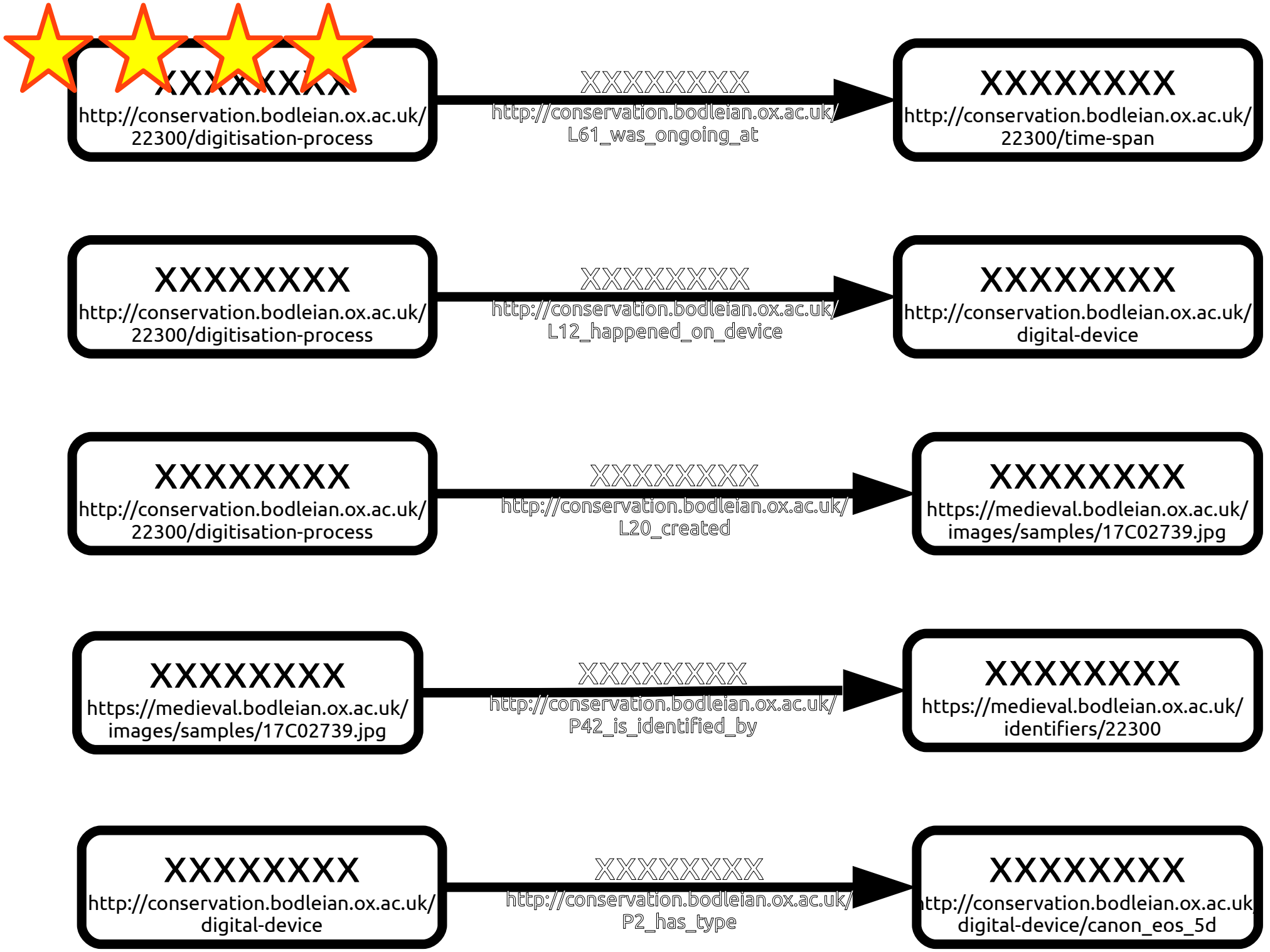
digital-device/canon_eos_5d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XXXXXXXX
http://conservation.bodleian.ox.ac.uk/digital-device/canon_eos_5d

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 ...
★★	make it available as structured data (e.g., Excel instead of image scan of a table)[2]	example ...
★★★	make it available in a non-proprietary open format (e.g., CSV instead of Excel)[3]	example ...
★★★★	use URIs to denote things, so that people can point at your stuff[4]	example ...

BY EXAMPLE ...

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★	make your stuff available on the Web (whatever format) under an open license[1]	example ...
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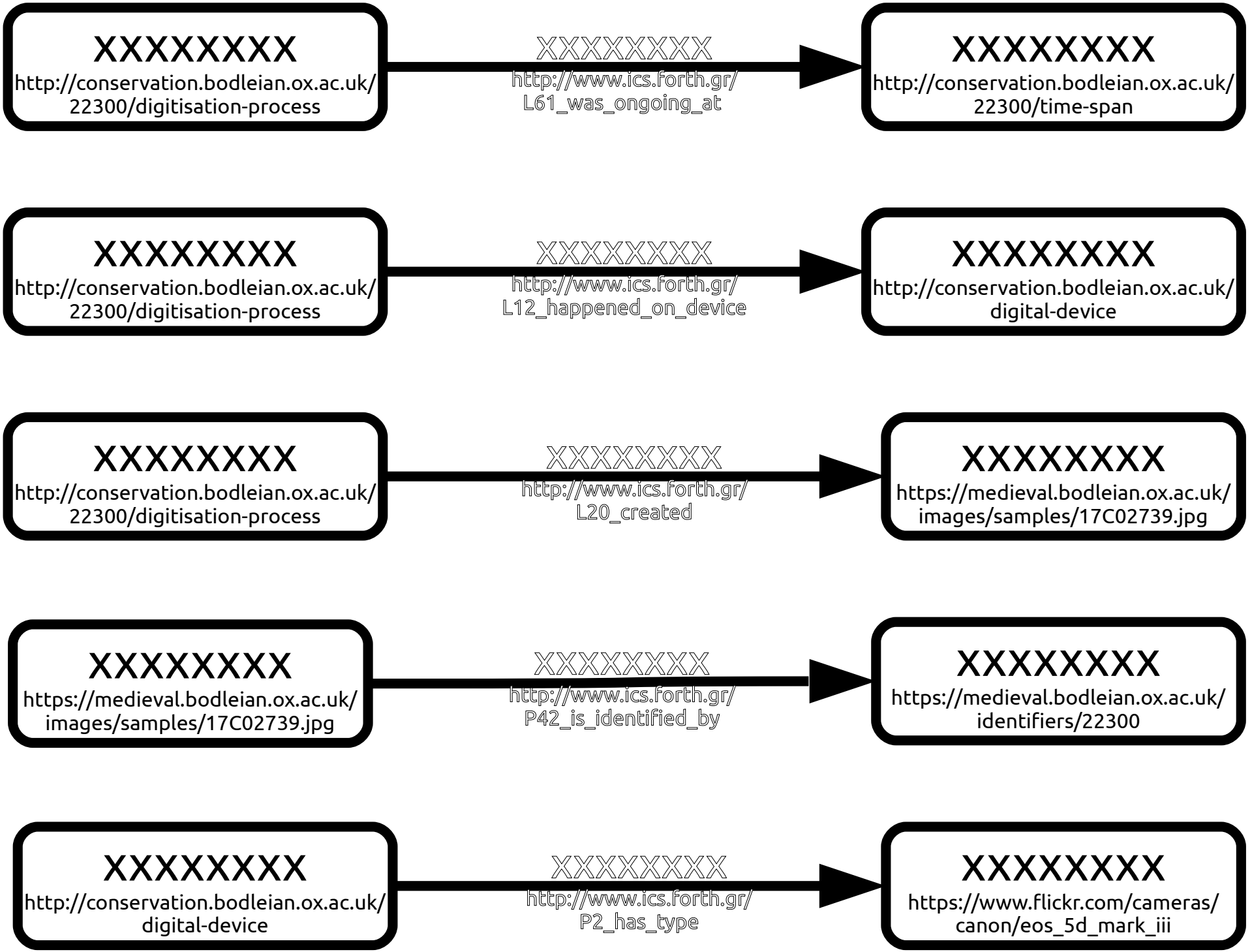
★★★★	use URIs to denote things, so that people can point at your stuff[4]	example ...
★★★★★	link your data to other data to provide context[5]	example ...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https://www.flickr.com/cameras/
canon/eos_5d_mark_iii

Camera Finder / All / Canon / EOS 5D Mark III

SPECS

Camera Type:	DSLR
Megapixels:	22.3
LCD Size:	3.2
Media Type:	CompactFlash, Secure Digital, SDHC, SDXC

Find photos or video taken with the EOS 5D Mark III

SEARCH

- 0 items uploaded yesterday
- 0 users yesterday
- Ranked 1 of 274 Canon Cameras

EOS 5D Mark III Usage This Year

Explore EOS 5D Mark III content

Now showing interesting photos

From Leanne...

From Dave...

From icemanphotos

From gaudreaul...

From david.hay...

From rolli

From ÇhяíštÖphε

From #fspinelle

From ejwwest

From dan@prope...

From Rafael Díez

From Thorsten...

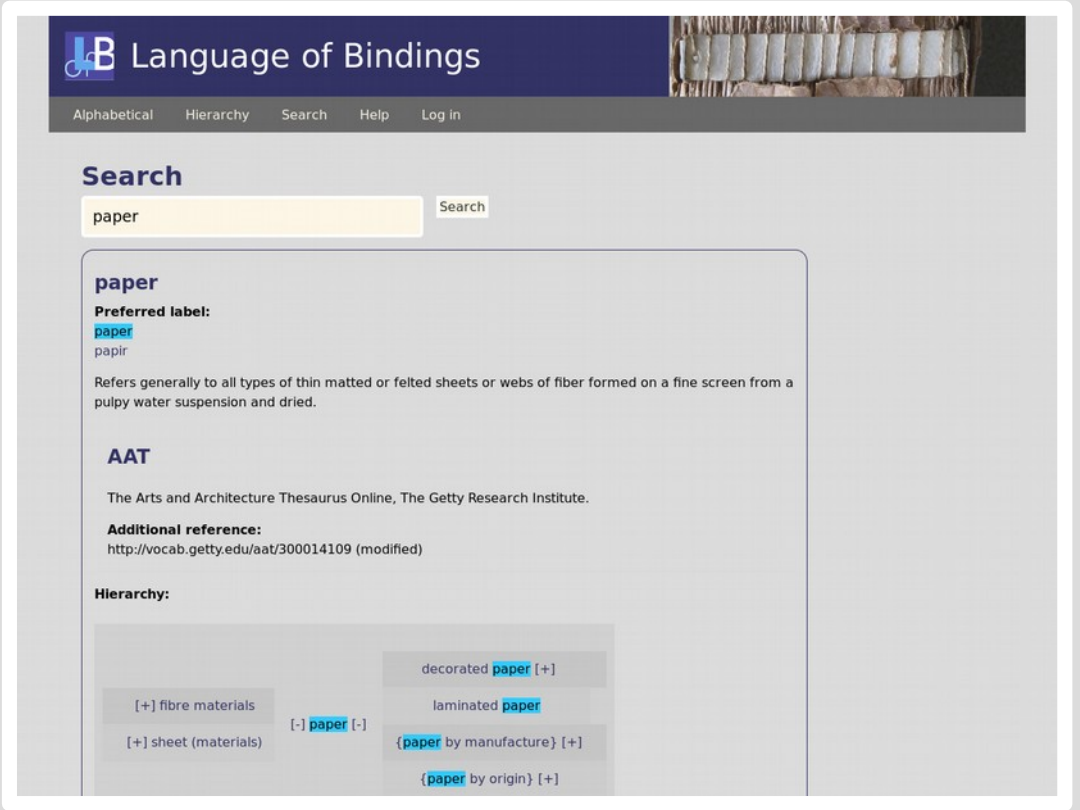
From Pi-F

Language of Bindings

Search

Search

The Language of Bindings Thesaurus (LoB) is a thesaurus of bookbinding terms for book structures dating from the ninth to the nineteenth century. This project has been partially funded by the AHRC. Contributions to the thesaurus have been made by a number of Contributors during 3 workshops.



paper

Preferred label:

paper
papir

Refers generally to all types of thin matted or felted sheets or webs of fiber formed on a fine screen from a pulpy water suspension and dried.

AAT

The Arts and Architecture Thesaurus Online, The Getty Research Institute.

Additional reference:
http://vocab.getty.edu/aat/300014109 (modified)

Hierarchy:

[+] fibre materials
[+] sheet (materials)
[-] paper [-]
decorated paper [+]
laminated paper
{paper by manufacture} [+]
{paper by origin} [+]

Broader concept:

RDF/XML
JSON
JSON LD
TURTLE

The Language of Bindings Thesaurus is made available under the Open Data Commons Attribution License: http://opendatacommons.org/licenses/by/1.0 .

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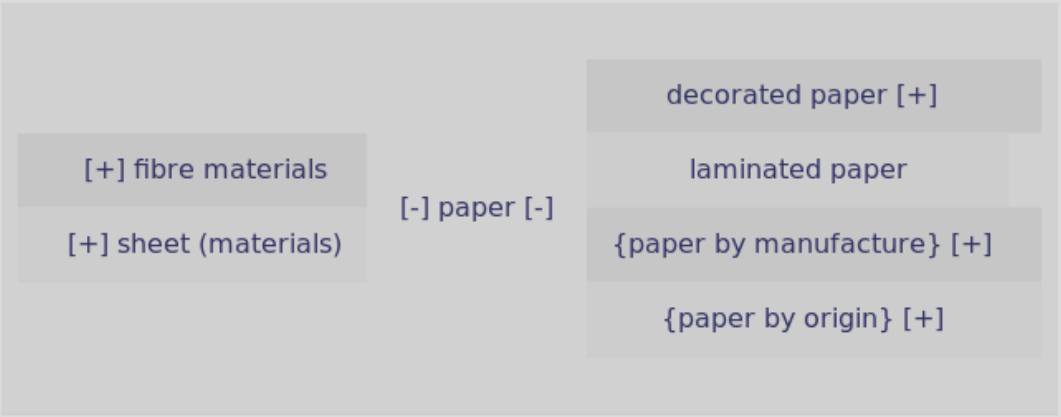

Broader concept:
fibre materials
sheet (materials)
Top concept:
materials
Getty AAT:
paper (fiber product)
Concept uri:
http://w3id.org/lob/concept/1481

Art & Architecture Thesaurus® Online
Full Record Display

Click the icon to view the hierarchy.

Semantic View (JSON, RDF, N3/Turtle, N-Triples)

ID: 300014109
Page Link: http://vocab.getty.edu/page/aat/300014109

Record Type: concept

paper (fiber product) (<fiber by product>, <fiber and fiber by product>, ... Materials (hierarchy name))

Note: Refers generally to all types of thin matted or felted sheets or webs of fiber formed and dried on a fine screen from a pulpy water suspension. The fibers may be animal, such as hair, silk or wool, or mineral, such as asbestos, or synthetic. However most paper is made from cellulosic plant fiber, such as from wood pulp, grass, cotton, linen, and straw.

Terms:

paper (fiber product) (**preferred**,C,U,LC,English-P,D,U,SN)
papers (fiber products) (C,U,English,AD,U,PN) ..... the plural in this contxt is used to refer to different types of paper
papier (C,U,French-P,D,U,N)
(vezelproduct) (Dutch-P,D,U,N)
Papier (C,U,German-P,D,U,N)
carta (C,U,Italian-P,D,U,N)
papel (papel) (C,U,Spanish-P,D,U,N)
papper (C,U,Swedish-P,D,U,N)

Facet/Hierarchy Code: M.MT

Hierarchical Position:

Materials Facet
.... Materials (hierarchy name) (G)
..... materials (substances) (G)
..... <materials by form> (G)
..... <materials by physical form> (G)
..... <fiber and fiber by product> (G)
..... <fiber by product> (G)
..... paper (fiber product) (G)

Additional Notes:

Dutch ..... Verwijst in het algemeen naar alle typen vervilte vellen of weefsels die bestaan uit vezels, die uit in water gedompelde pulp zijn gevormd en gedroogd op een fijn schepraam. De vezels kunnen dierlijk zijn, zoals haar, zijde of wol, of mineraal, bijvoorbeeld asbest. Ook kunstvezels zijn een mogelijkheid. Het meeste papier wordt echter gemaakt van plantenvezels van bijvoorbeeld houtpulp, gras, katoen, linnen en stro.

Spanish ..... Se refiere en general a todo tipo de hojas o redes enmarañadas o afieltradas de fibra formadas y secadas en una filtro fino a partir de un compuesto de agua con pulpa. Las fibras pueden ser animales, como pelo, seda o lana o minerales, como asbesto, o bien sintéticas. Sin embargo, la mayor parte del papel es fabricado con fibra celulósica de plantas la pulpa de madera, pasto, lino y paja.

paper (fiber product)

Source:http://vocab.getty.edu/aat/300014109

Subject (118) | Predicate | Object | All

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

Inference: Explicit only

Statements in which the resource exists as a subject.

Predicate	Object
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rdfs:seeAlso	http://www.getty.edu/vow/AATFullDisplay?find=&logic=AND&note=&subjectid=300014109
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gvp:parentStringAbbrev	<fiber by product>, <fiber and fiber by product>, ... Materials Facet
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Terminology workshop

Thursday, 06 June, 2019 - 14:30 PDT
This workshop will take place in **Stanford, Redwood City, California**.
Registration is now closed for this workshop. If you wish to be involved in terminology after this workshop please contact us. We seek experts in a variety of conservation domains.

Conservators use many vocabularies in their descriptions. This workshop will report on the current landscape of terminology in conservation, test available tools and propose future work.

Preliminary programme

Thursday 6th of June - technology primers

- 14:30-15:00 Welcome and housekeeping - **Kristen St. John (Stanford University)**
- 15:00-15:30 Knowledge Organisation Systems (KOS) - **Jon Ward (the J. Paul Getty Trust)**
- 15:30-16:00 Linked Open Data primer (LOD) - **Athanasios Velios (University of the Arts London)**
- 16:00-16:30 LOD KOS - **Marcia Zeng (Kent State University)**
- 16:30-17:00 Getty AAT as LOD and conservation terms - **Jon Ward (the J. Paul Getty Trust)**
- 17:30-19:30 Social meet-up

Friday 7th of June - work on vocabularies

- 9:00-9:30 Registration
- 9:30-9:45 Welcome and questionnaire analysis - **Kristen St. John (Stanford University)**
- 9:45-10:30 Combining, linking and reusing KOS vocabularies - **Marcia Zeng (Kent State University)**
- 10:30-11:15 Introduction to the CIDOC-CRM - **Athanasios Velios (University of the Arts London)**
- 11:15-12:00 Thesaurus alignment and backbone thesaurus - **Eleni Toulouba (Foundation of**

Terminology workshop

Thursday, 06 June, 2019 - 14:30 PDT to Friday, 07 June, 2019 - 17:00 PDT

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02: spine	http://conservation.bodleian.ox.ac.uk/authority/terms/02spine
03: head	http://conservation.bodleian.ox.ac.uk/authority/terms/03head
04: tail	http://conservation.bodleian.ox.ac.uk/authority/terms/04tail
05: fore-edge	http://conservation.bodleian.ox.ac.uk/authority/terms/05foreedge
06: right board	http://conservation.bodleian.ox.ac.uk/authority/terms/06rightboard
07: tail, fore-edge, left board	http://conservation.bodleian.ox.ac.uk/authority/terms/07tailforeedgeleftboard
08: fore-edge, head, left board	http://conservation.bodleian.ox.ac.uk/authority/terms/08foreedgeheadleftboard
09: spine, tail, left board	http://conservation.bodleian.ox.ac.uk/authority/terms/09spinetailleftboard
10: head, spine, left board	http://conservation.bodleian.ox.ac.uk/authority/terms/10headspineleftboard
13: left board-sheet	http://conservation.bodleian.ox.ac.uk/authority/terms/13leftboardsheet
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16: tail, fore-edge	http://conservation.bodleian.ox.ac.uk/authority/terms/16tailforeedge
17: fore-edge, tail, right board	http://conservation.bodleian.ox.ac.uk/authority/terms/17foreedgetailrightboard
18: head, fore-edge, right board	http://conservation.bodleian.ox.ac.uk/authority/terms/18headforeedgerightboard
19: tail, spine, right board	http://conservation.bodleian.ox.ac.uk/authority/terms/19tailspinerightboard
20: spine, head, right board	http://conservation.bodleian.ox.ac.uk/authority/terms/20spineheadrightboard
21: opening left & right	http://conservation.bodleian.ox.ac.uk/authority/terms/21openingleftright
22: opening left	http://conservation.bodleian.ox.ac.uk/authority/terms/22openingleft
23: opening right	http://conservation.bodleian.ox.ac.uk/authority/terms/23openingright

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19391		Canon	Canon EOS 70D	2017-01-23T16:40:20.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:17.000Z	Digital Photo Professional
19392		Canon	Canon EOS 70D	2017-01-23T16:40:24.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:21.000Z	Digital Photo Professional
19393		Canon	Canon EOS 70D	2017-01-23T16:40:42.000Z	AutoSync	3	sRGB v1.31 (Canon)	Bodleian Libraries, University of Oxford	2017-01-23T16:40:39.000Z	Digital Photo Professional
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A catalogue of Western manuscripts at the Bodleian Libraries and selected Oxford colleges

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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

Integrating with Bod catalogue

photo	ms
<http://connect.ox.ac.uk/bodl/conserv/...derivatives/17C02702.jpg>	<https://medieval.bodleian.ox.ac.uk/catalog/manuscript_8391>
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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"

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:"

MS. Bodl. 579

MS. Laud Misc. 439

Object (Man-Made Object) record, (http://conservation.bodleian.ox.ac.uk/)

Summary | Annotations 0 | Explore Related

Links from here

Filter Results

Property	Object
P108i_was_produced_by	production
P30i_custody_transferred_through	transfer-of-custody
P46_is_composed_of	MS_Laud_Misc_439-part1
P46_is_composed_of	MS_Laud_Misc_439-part2
P46_is_composed_of	MS_Laud_Misc_439-part3
P46_is_composed_of	MS_Laud_Misc_439-part4
P46_is_composed_of	MS_Laud_Misc_439-part5
P46i_forms_part_of	MSS.%20Laud%20Misc.%20%28Laud%20miscellaneous%29
P48_has_preferred_identifier	classmark
P52_has_current_owner	University%20of%20Oxford

« 1 2 »

Links to here

Filter Results

Subject	Property

MS. Laud Misc. 439

Object (Man-Made Object) record, (http://conservation.bodleian.ox.ac.uk/)

Summary Annotations 0 Explore Related

Links from here

Filter Results

Property	Object
type	E22_Man-Made_Object
type	E24_Physical_Man-Made_Thing
label	MS. Laud Misc. 439

« 1 2 »

Links to here

Filter Results

Subject	Property
17C02546.jpg	P138_represents
17C02547.jpg	P138_represents
17C02548.jpg	P138_represents
17C02549.jpg	P138_represents
17C02550.jpg	P138_represents
17C02551.jpg	P138_represents
17C02552.jpg	P138_represents

Image 22108

URI: *http://connect.ox.ac.uk/bodl/conserv/NewStructure/Images/Digital%20files/Digital%20conservation%20files/JPEG%20derivatives/17C02551.jpg*

Type: E38_Image, D9_Data_Object

Outgoing Statements

Filter Results

Property	Object	Named Graph
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P2_has_type	beforetreatment	http://conservation.bodleian.ox.ac.uk/
P2_has_type	srgbv131canon	http://conservation.bodleian.ox.ac.uk/
P2_has_type	300266224	http://conservation.bodleian.ox.ac.uk/
P3_has_note	Bodleian Libraries, University of Oxford	http://conservation.bodleian.ox.ac.uk/
P3_has_note	Ms has been pulled for conservation after severe water damage	http://conservation.bodleian.ox.ac.uk/
P43_has_dimension	dimension-height	http://conservation.bodleian.ox.ac.uk/
P43_has_dimension	dimension-width	http://conservation.bodleian.ox.ac.uk/
L20i_was_created_by	digitisation-process	http://conservation.bodleian.ox.ac.uk/

« 1 2 »

Incoming Statements

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

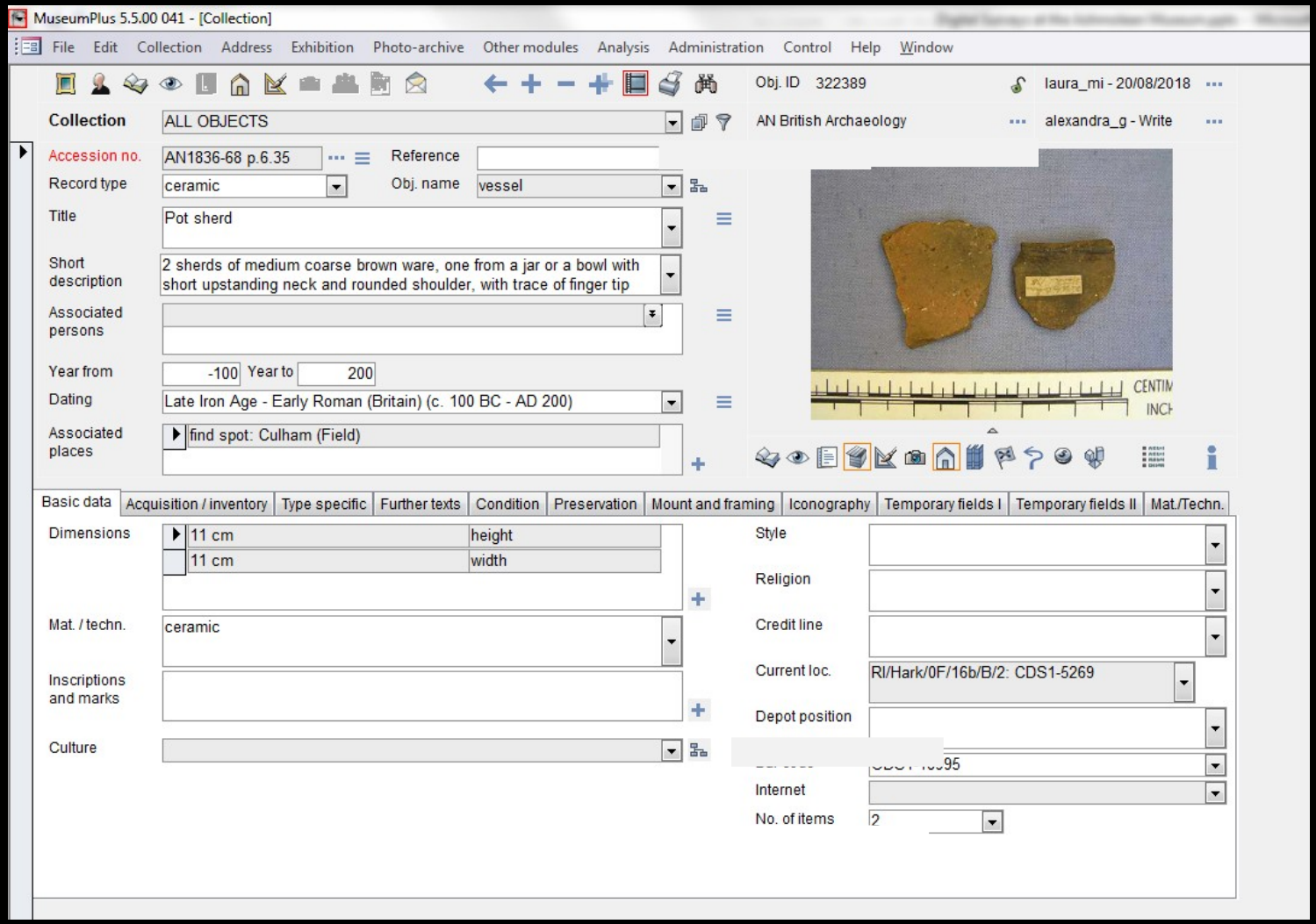
23:

MS. Laud Misc. 439

« 1 2 3 »

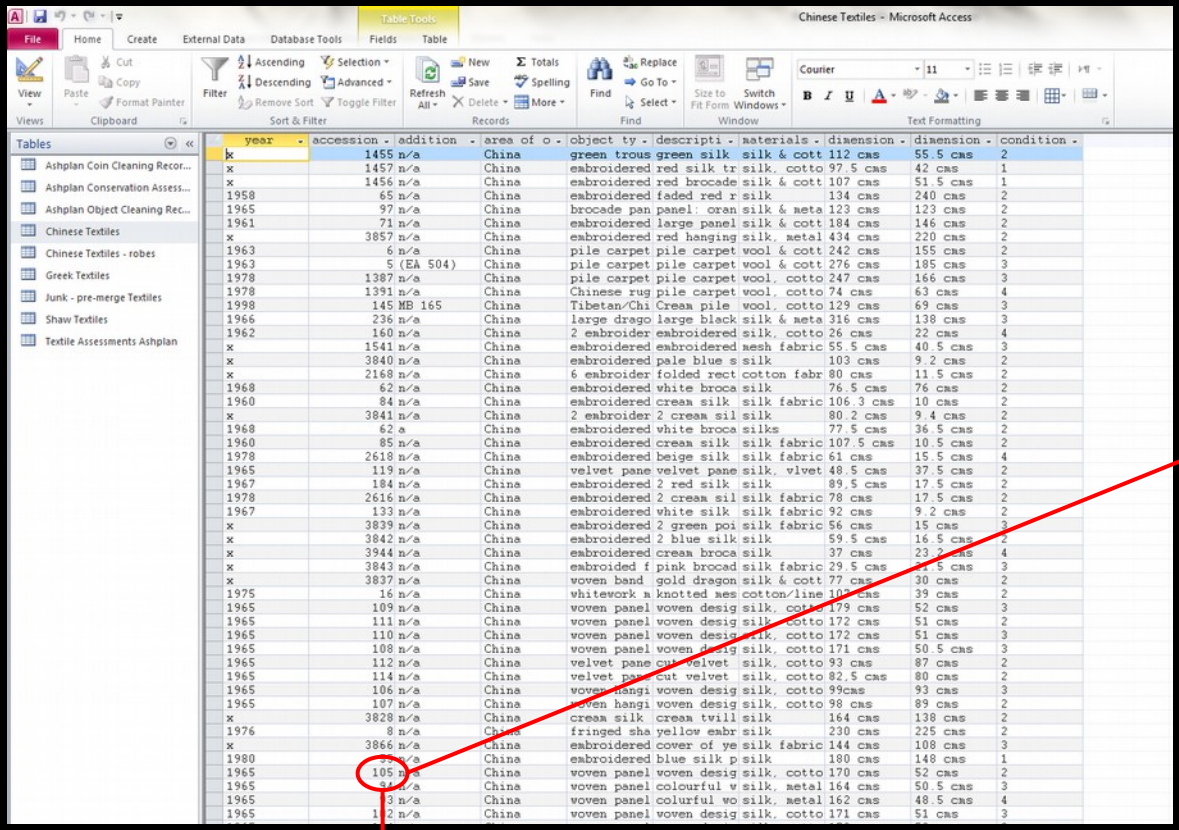
Ashmolean survey

Collections Management System



MuseumPlus created by Zetcom. In use since 2005/6

Chinese Textiles Survey

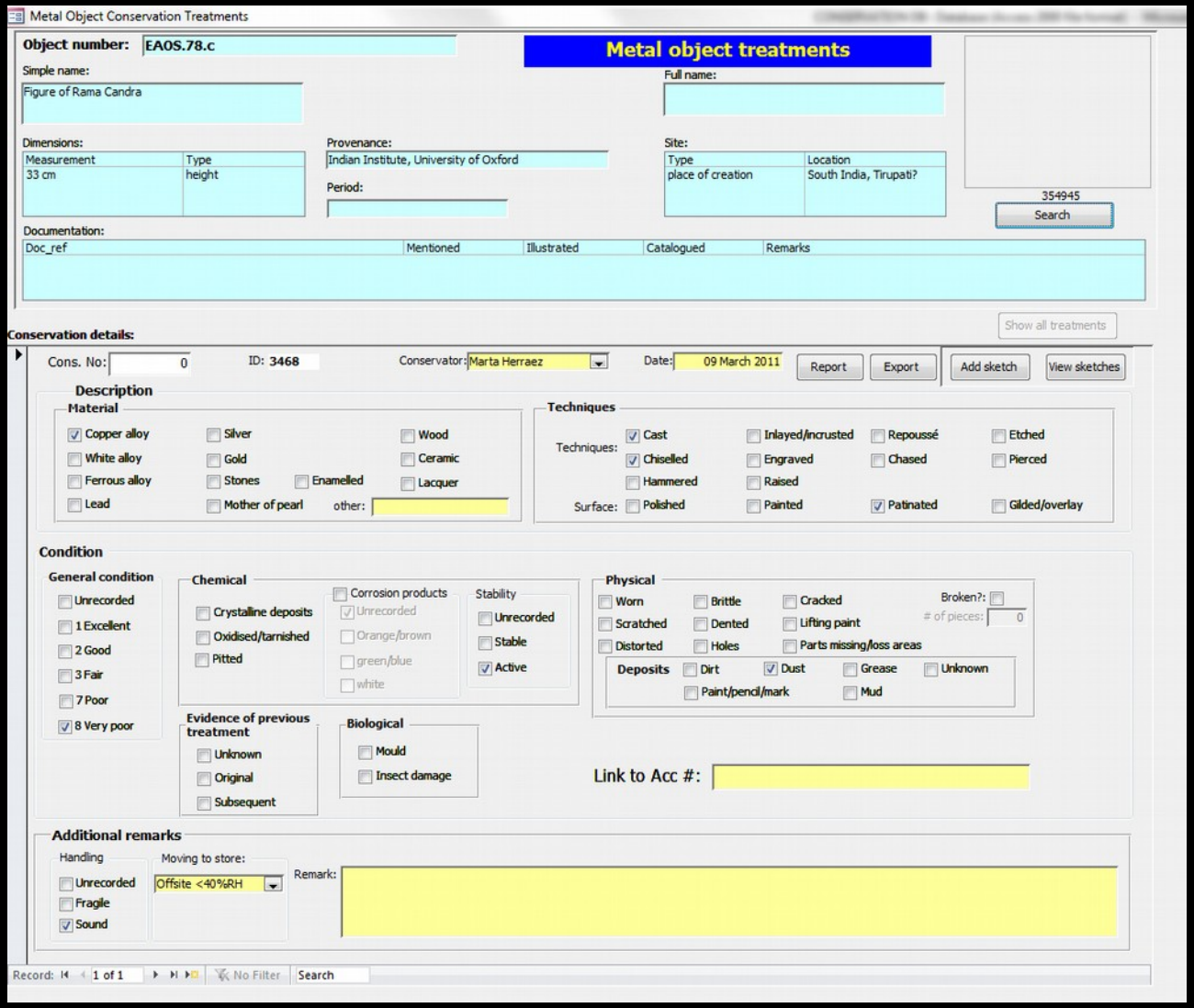


year	accession	addition	area of o	object ty	descripti	materials	dimension	dimension	condition
x	1455	n/a	China	green trous	green silk	silk & cott	112 cms	55.5 cms	2
x	1457	n/a	China	embroidered	red silk tr	silk, cotto	97.5 cms	42 cms	1
x	1456	n/a	China	embroidered	red brocade	silk & cott	107 cms	51.5 cms	1
1958	65	n/a	China	embroidered	faded red r	silk	134 cms	240 cms	2
1965	97	n/a	China	brocade pan	panel: oran	silk & meta	123 cms	123 cms	2
1961	71	n/a	China	embroidered	large panel	silk & cott	184 cms	146 cms	2
x	3857	n/a	China	embroidered	red hanging	silk, metal	434 cms	220 cms	2
1963	6	n/a	China	pile carpet	pile carpet	wool & cott	242 cms	155 cms	2
1963	5	(EA 504)	China	pile carpet	pile carpet	wool & cott	276 cms	185 cms	3
1978	1387	n/a	China	pile carpet	pile carpet	wool, cotto	247 cms	166 cms	3
1978	1391	n/a	China	Chinese rug	pile carpet	wool, cotto	74 cms	63 cms	4
1998	145	MB 165	China	Tibetan/Chi	Cream pile	wool, cotto	129 cms	69 cms	3
1966	236	n/a	China	large drago	large black	silk & meta	316 cms	138 cms	3
1962	160	n/a	China	2 embroider	embroidered	silk, cotto	26 cms	22 cms	4
x	1541	n/a	China	embroidered	embroidered	mesh fabric	55.5 cms	40.5 cms	3
x	3840	n/a	China	embroidered	pale blue s	silk	103 cms	9.2 cms	2
x	2168	n/a	China	6 embroider	folded rect	cotton fabr	80 cms	11.5 cms	2
1968	62	n/a	China	embroidered	white broca	silk	76.5 cms	76 cms	2
1960	84	n/a	China	embroidered	cream silk	silk fabric	106.3 cms	10 cms	2
x	3841	n/a	China	2 embroider	2 cream sil	silk	80.2 cms	9.4 cms	2
1968	62	a	China	embroidered	white broca	silks	77.5 cms	36.5 cms	2
1960	85	n/a	China	embroidered	cream silk	silk fabric	107.5 cms	10.5 cms	2
1978	2618	n/a	China	embroidered	beige silk	silk fabric	61 cms	15.5 cms	4
1965	119	n/a	China	velvet pane	velvet pane	silk, vlvet	48.5 cms	37.5 cms	2
1967	184	n/a	China	embroidered	2 red silk	silk	89.5 cms	17.5 cms	2
1978	2616	n/a	China	embroidered	2 cream sil	silk fabric	78 cms	17.5 cms	2
1967	133	n/a	China	embroidered	white silk	silk fabric	92 cms	9.2 cms	2
x	3839	n/a	China	embroidered	2 green poi	silk fabric	56 cms	15 cms	3
x	3842	n/a	China	embroidered	2 blue silk	silk	59.5 cms	16.5 cms	2
x	3944	n/a	China	embroidered	cream broca	silk	37 cms	23.2 cms	4
x	3843	n/a	China	embroided f	pink brocad	silk fabric	29.5 cms	21.5 cms	3
x	3837	n/a	China	woven band	gold dragon	silk & cott	77 cms	30 cms	2
1975	16	n/a	China	whitework a	knotted nes	cotton/line	102 cms	39 cms	2
1965	109	n/a	China	woven panel	woven desig	silk, cotto	179 cms	52 cms	3
1965	111	n/a	China	woven panel	woven desig	silk, cotto	172 cms	51 cms	2
1965	110	n/a	China	woven panel	woven desig	silk, cotto	172 cms	51 cms	3
1965	108	n/a	China	woven panel	woven desig	silk, cotto	171 cms	50.5 cms	3
1965	112	n/a	China	velvet pane	cut velvet	silk, cotto	93 cms	87 cms	2
1965	114	n/a	China	velvet pane	cut velvet	silk, cotto	82.5 cms	80 cms	2
1965	106	n/a	China	woven hangi	woven desig	silk, cotto	99cms	93 cms	3
1965	107	n/a	China	woven hangi	woven desig	silk, cotto	98 cms	89 cms	2
x	3828	n/a	China	cream silk	cream twill	silk	164 cms	138 cms	2
1976	8	n/a	China	fringed sha	yellow embr	silk	230 cms	225 cms	2
x	3866	n/a	China	embroidered	cover of ye	silk fabric	144 cms	108 cms	3
1980	35	n/a	China	embroidered	blue silk p	silk	180 cms	148 cms	1
1965	105	n/a	China	woven panel	woven desig	silk, cotto	170 cms	52 cms	2
1965	34	n/a	China	woven panel	colourful w	silk, metal	164 cms	50.5 cms	3
1965	113	n/a	China	woven panel	colurful wo	silk, metal	162 cms	48.5 cms	4
1965	112	n/a	China	woven panel	woven desig	silk, cotto	171 cms	51 cms	3

1965	105	n/a	China	woven panel	woven design of flowers, birds, etc on gold background. Red satin border & cotton backing fabric	silk, cotton, metal	170 cms	52 cms	2

Created using Microsoft Access. Available as a table or a report

Eastern Art Metals Survey



Part of a larger assessments database created by the Ashmolean IT department as a temporary solution circa. 2007/8

Paper Conservation Scroll Survey

Scroll Survey : Database (Access 2002 - 2003 file format) - Microsoft Access

File | Home | Create | External Data | Database Tools

Forms

Search...

Scroll DB

ScrollUpdates01 subform

Scroll DB

SCROLLS DATABASE

Accession number	EA1956.39	Reference numbers	
Country of origin	China	Date of painting	1636
Artist	Kun Can	Title	Landscape with waterfalls and trees

Object Details

☑ Hanging scroll ☐ Hand scroll Format other

Dimensions in mm

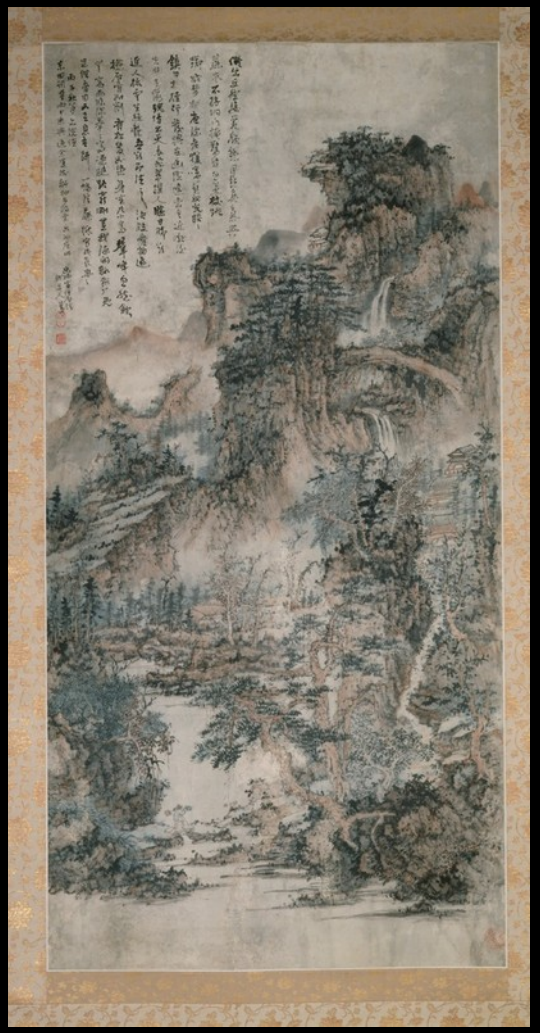
Scroll height	Approx 2435mm	Painting height	1300mm	Bottom rod	867mm
Scroll width	791mm	Painting width	635mm		

Primary/Painting support	☑ Paper	☐ Silk	Other		
Colophon	☐ Paper	☐ Silk	Note		
Borders/Mount	☐ One piece	☑ Strips	☐ One colour/material	☑ Various colours/materials	
	☑ Silk	☐ Paper	Comments	Two loose decorative stips of silk hanging from the top	
Visible Lining	☑ Paper	☐ Silk	Comments	Appears to be a single sheet.	
Additional Parts	Upper / left rod	Large standard D shape rod	Lower / right rod	White, straight and round rod, possibly ivory or bone	
Hanging mechanism	Four decorative metal diamond shaped baseplates below the eyelets. Flat woven cord, green, black and cream.				
Additional information					
Media	☐ Black stamp	☑ Red Stamp	☑ Calligraphy/signature		
	☑ Watercolour	☐ Gouache	☑ Ink	☐ Gold leaf	☐ Silver leaf
Additional Comments	Two red stamps, one with the calligraphy in the top left area, and one in the bottom right corner of the pri				

CONDITION

Record: 1 of 108 No Filter Search

Form View



Integration examples

Conservation manager

- What is the overall condition of the collection?
  - integrate general condition fields

Curator/Data manager

- Are my catalogue entries accurate in terms of materials and techniques?
  - integrate with main catalogue (MuseumPlus)

Digitisation manager

- How much of the collection I can digitise now?
  - integrate handling condition fields

Budget manager

- I am bringing in an expert to treat “red rot”, how many hours of work are needed?
  - integrate condition type fields

Integrating with MuseumPlus

assessment	item
<http://www.ashmus.ox.ac.uk/collections/352097/condition-assessment/1122>	<http://www.ashmus.ox.ac.uk/collections/352097>
<http://www.ashmus.ox.ac.uk/collections/352472/condition-assessment/917>	<http://www.ashmus.ox.ac.uk/collections/352472>
<http://www.ashmus.ox.ac.uk/collections/352474/condition-assessment/1123>	<http://www.ashmus.ox.ac.uk/collections/352474>
<http://www.ashmus.ox.ac.uk/collections/353020/condition-assessment/913>	<http://www.ashmus.ox.ac.uk/collections/353020>
<http://www.ashmus.ox.ac.uk/collections/354070/condition-assessment/1099>	<http://www.ashmus.ox.ac.uk/collections/354070>
<http://www.ashmus.ox.ac.uk/collections/354736/condition-assessment/2387>	<http://www.ashmus.ox.ac.uk/collections/354736>
<http://www.ashmus.ox.ac.uk/collections/355002/condition-assessment/2201>	<http://www.ashmus.ox.ac.uk/collections/355002>
<http://www.ashmus.ox.ac.uk/collections/362661/condition-assessment/2584>	<http://www.ashmus.ox.ac.uk/collections/362661>
<http://www.ashmus.ox.ac.uk/collections/362910/condition-assessment/2585>	<http://www.ashmus.ox.ac.uk/collections/362910>
<http://www.ashmus.ox.ac.uk/collections/721316/condition-assessment/1004>	<http://www.ashmus.ox.ac.uk/collections/721316>
<http://www.ashmus.ox.ac.uk/collections/721430/condition-assessment/1008>	<http://www.ashmus.ox.ac.uk/collections/721430>
<http://www.ashmus.ox.ac.uk/collections/721431/condition-assessment/1007>	<http://www.ashmus.ox.ac.uk/collections/721431>
<http://www.ashmus.ox.ac.uk/collections/721434/condition-assessment/997>	<http://www.ashmus.ox.ac.uk/collections/721434>
<http://www.ashmus.ox.ac.uk/collections/721460/condition-assessment/987>	<http://www.ashmus.ox.ac.uk/collections/721460>
<http://www.ashmus.ox.ac.uk/collections/723917/condition-assessment/1313>	<http://www.ashmus.ox.ac.uk/collections/723917>
<http://www.ashmus.ox.ac.uk/collections/724125/condition-assessment/1235>	<http://www.ashmus.ox.ac.uk/collections/724125>
<http://www.ashmus.ox.ac.uk/collections/724126/condition-assessment/1233>	<http://www.ashmus.ox.ac.uk/collections/724126>
<http://www.ashmus.ox.ac.uk/collections/724127/condition-assessment/1232>	<http://www.ashmus.ox.ac.uk/collections/724127>
<http://www.ashmus.ox.ac.uk/collections/724128/condition-assessment/1234>	<http://www.ashmus.ox.ac.uk/collections/724128>
<http://www.ashmus.ox.ac.uk/collections/733044/condition-assessment/2827>	<http://www.ashmus.ox.ac.uk/collections/733044>

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

SELECT ?assessment ?item WHERE {
  GRAPH <http://www.ashmus.ox.ac.uk/> {
    ?item a crm:E22_Man-Made_Object .
    }
  ?assessment crm:P34_concerned ?item .
} LIMIT 1000
```

Outgoing Links

<http://www.cidoc-crm.org/cidoc-crm/P108i_was_produced_by>	<http://www.ashmus.ox.ac.uk/collections/352097/production>
<http://www.cidoc-crm.org/cidoc-crm/P2_has_type>	<http://www.ashmus.ox.ac.uk/collections/authority/terms/36808>
<http://www.cidoc-crm.org/cidoc-crm/P2_has_type>	<http://www.ashmus.ox.ac.uk/collections/authority/terms/general>
<http://www.cidoc-crm.org/cidoc-crm/P45_consists_of>	<http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/material/1>
<http://www.cidoc-crm.org/cidoc-crm/P45_consists_of>	<http://www.ashmus.ox.ac.uk/collections/authority/terms/43547>
<http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by>	<http://www.ashmus.ox.ac.uk/collections/352097/accession-no>
<http://www.cidoc-crm.org/cidoc-crm/P43_has_dimension>	<http://www.ashmus.ox.ac.uk/collections/166050/57367>
<http://www.cidoc-crm.org/cidoc-crm/P46i_forms_part_of>	<http://www.ashmus.ox.ac.uk/collections/EA%20Islam%20Master>
<http://www.cidoc-crm.org/cidoc-crm/P62i_is_depicted_by>	<http://www.ashmus.ox.ac.uk/collections/227562>
<http://www.cidoc-crm.org/cidoc-crm/P67i_is_referred_to_by>	<http://www.ashmus.ox.ac.uk/collections/682023>
rdf:type	<http://www.cidoc-crm.org/cidoc-crm/E22_Man-Made_Object>

Incoming Links

<http://www.ashmus.ox.ac.uk/collections/352097/condition-assessment/1122>	<http://www.cidoc-crm.org/cidoc-crm/P34_concerned>

Attributes

<http://www.cidoc-crm.org/cidoc-crm/P3_has_note>	Presented by Mrs Johnson, 1992.
<http://www.cidoc-crm.org/cidoc-crm/P57_has_number_of_parts>	1
rdfs:label	Object with accession number
rdfs:label	magic bowl

Outgoing Links

<http://www.cidoc-crm.org/cidoc-crm/P34_concerned>	<http://www.ashmus.ox.ac.uk/collections/352097>
<http://www.cidoc-crm.org/cidoc-crm/P35_has_identified>	<http://www.ashmus.ox.ac.uk/collections/352097/condition-state/corrosion>
<http://www.cidoc-crm.org/cidoc-crm/P35_has_identified>	<http://www.ashmus.ox.ac.uk/collections/352097/condition-state/general>
<http://www.cidoc-crm.org/cidoc-crm/P35_has_identified>	<http://www.ashmus.ox.ac.uk/collections/352097/condition-state/handling>
<http://www.cidoc-crm.org/cidoc-crm/P35_has_identified>	<http://www.ashmus.ox.ac.uk/collections/352097/condition-state/physical>
<http://www.cidoc-crm.org/cidoc-crm/P35_has_identified>	<http://www.ashmus.ox.ac.uk/collections/352097/condition-state/stability>
<http://www.cidoc-crm.org/cidoc-crm/P4_has_time-span>	<http://www.ashmus.ox.ac.uk/collections/352097/condition-assessment-time-span>
rdf:type	<http://www.cidoc-crm.org/cidoc-crm/E14_Condition_Assessment>

No Incoming Links

Attributes

<http://www.cidoc-crm.org/cidoc-crm/P3_has_note>	Base rim and top distorted. White deposits on the under base decoration
rdfs:label	Condition assessment for object

* Metal db general condition (http://www.ashmus.ox.ac.uk/collections/authority/terms/general-condition) :
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/2 good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/3 fair
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/7 poor
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/8 very poor

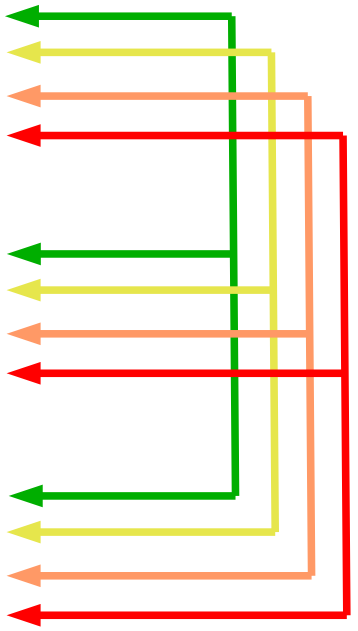
* Scrolls db general condition:
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/1 good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/2 fair
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/3 not good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/4 poor

* Textiles db general condition:
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/1 good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/2 fair
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/3 poor
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/4 very poor

* Metal db general condition (http://www.ashmus.ox.ac.uk/collections/authority/terms/general-condition) :
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/2 good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/3 fair
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/7 poor
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/metal/condition/general/8 very poor

* Scrolls db general condition:
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/1 good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/2 fair
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/3 not good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/scroll/condition/general/4 poor

* Textiles db general condition:
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/1 good
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/2 fair
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/3 poor
  * http://www.ashmus.ox.ac.uk/collections/authority/terms/textile/condition/general/4 very poor



Integrating general condition

count	normalised condition type
193	<http://www.ashmus.ox.ac.uk/collections/authority/condition/general/1>
815	<http://www.ashmus.ox.ac.uk/collections/authority/condition/general/2>
425	<http://www.ashmus.ox.ac.uk/collections/authority/condition/general/3>
123	<http://www.ashmus.ox.ac.uk/collections/authority/condition/general/4>

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

SELECT (COUNT(*) AS ?count) ?normtype WHERE {
  ?assessment crm:P35_has_identified ?condition .
  ?condition crm:P2_has_type <http://www.ashmus.ox.ac.uk/collections/authority/terms/general-condition> .
  ?condition crm:P2_has_type ?type .
  ?type owl:sameAs ?normtype .
  ?type rdfs:label ?typelabel .
  FILTER (?type != <http://www.ashmus.ox.ac.uk/collections/authority/terms/general-condition>).
    {
        SELECT (?item1 AS ?item) (?assessment1 AS ?assessment) WHERE {
            ?assessment1 crm:P34_concerned ?item1 .
        }
    } UNION {
        SELECT (?item2 AS ?item) (?assessment2 AS ?assessment) WHERE {
            ?item2 crm:P34i_was_assessed_by ?assessment2 .
        }
    }
} GROUP BY ?normtype ORDER BY ASC(?normtype)
```

Improving accuracy of “material”

item	material M+	material survey
<http://www.ashmus.ox.ac.uk/collections/352097>	brass	copper alloy
<http://www.ashmus.ox.ac.uk/collections/352472>	copper	copper alloy
<http://www.ashmus.ox.ac.uk/collections/352472>	copper	ferrous alloy
<http://www.ashmus.ox.ac.uk/collections/352472>	tin	copper alloy
<http://www.ashmus.ox.ac.uk/collections/352472>	tin	ferrous alloy
<http://www.ashmus.ox.ac.uk/collections/352474>	copper	copper alloy
<http://www.ashmus.ox.ac.uk/collections/352474>	tin	copper alloy
<http://www.ashmus.ox.ac.uk/collections/353020>	brass	copper alloy
<http://www.ashmus.ox.ac.uk/collections/354070>	brass	copper alloy
<http://www.ashmus.ox.ac.uk/collections/354070>	silver	copper alloy
<http://www.ashmus.ox.ac.uk/collections/354736>	bronze	copper alloy
<http://www.ashmus.ox.ac.uk/collections/355002>	bronze	copper alloy
<http://www.ashmus.ox.ac.uk/collections/355535>	gold	copper alloy
<http://www.ashmus.ox.ac.uk/collections/355535>	brass	copper alloy
<http://www.ashmus.ox.ac.uk/collections/355544>	bronze	copper alloy

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

SELECT DISTINCT ?item ?materialcurlabel ?materialconlabel WHERE {
  ?item a crm:E22_Man-Made_Object .
  GRAPH <http://www.ashmus.ox.ac.uk/> {
    ?item crm:P45_consists_of ?materialcur .
    ?materialcur rdfs:label ?materialcurlabel .
  }
  GRAPH <http://www.ashmus.ox.ac.uk/conservation/metals> {
    ?item crm:P45_consists_of ?materialcon .
    ?materialcon rdfs:label ?materialconlabel .
  }
} LIMIT 1000
```

Acronyms

- RDF (triples) – Resource Description Framework
- URI (adresses) – Universal Resource Identifier
- SPARQL (sparql!) - a tool for searching RDF

Camberwell MA course closure

Linked Conservation Data

Linked Conservation Data

Linked Conservation Data is a Network of partners working on improving access of conservation documentation records. The aim of the Network is to discuss and report on ways that conservation documentation can be disseminated and re-used more effectively through Linked Data.

Project objectives

We have identified three areas of development for the network's attention: Terminology, Modelling, and Dissemination.

- **Terminology**: In the Semantic Web, communicating by using a variety of terminology traditions is important for disambiguation. The Network will assess the suitability of existing vocabularies in conservation and identify the amount of work needed both in terms of coverage and in terms of formatting to improve them for use in Linked Data applications. The relevant Linked Data standard for vocabularies is SKOS.
- **Modelling**: In the Semantic Web, the type of each published record needs to be explicitly declared. For example, machines need to be able to handle records of type *condition assessment* and records of type *treatment proposal* differently. A standard which provides different types of records (classes) is the CIDOC-CRM. The Network will assess the suitability of the CRM and its extensions for conservation.
- **Dissemination**: The Network will share best practices for producing Linked Data from conservation documentation and report on the readiness and capacity of existing software to host and share Linked Data.

Read more

Terminology workshop

This workshop will take place in **Stanford, Redwood City, California**. Conservators use many vocabularies in their descriptions. This workshop will report on the current landscape of terminology in conservation and propose future work. Registration is now closed for this workshop. If you wish to be involved in terminology please contact us. We seek experts in a variety of conservation domains.

Thursday, 06 June, 2019 - 14:30 PDT to Friday, 07 June, 2019 - 17:00 PDT

Questionnaire Vocabularies

Read more