

Conservation Studio:

Overview and Sample Demo Records

Examples for CRM Mapping Exercise






September 2019

Note: The combination of objects and conservation data in this document is not real. None of the data included in screenshots reflects the actual condition or conservation history of the represented objects. The generic demo reports represented here reflect data patterns in use in our client museums (though checklists etc. are significantly truncated), and were designed to illustrate how building-block elements can be configured. For this exercise, we chose examples that are more structured (vs. reports that have large blocks of text). Conservation Studio is highly configurable, and in practice, each institution can design multiple report types reflecting their own needs and standards.


- I. MODULES AND MODULE RELATIONSHIPS
- II. TEXTILE EXAMINATION REPORT- RUGS
- III. DRAWINGS SURVEY
- IV. ANALYTICAL REPORT- PAINT SAMPLES
- V. SCREEN SHOTS OF A PROJECT MODULE RECORD



I. Modules and Module Relationships

Conservation Studio includes five modules, or record types, that track conservation information related to a collection, including condition and treatment reports, research, workflows relating to exhibitions and loans, and bibliographic references.

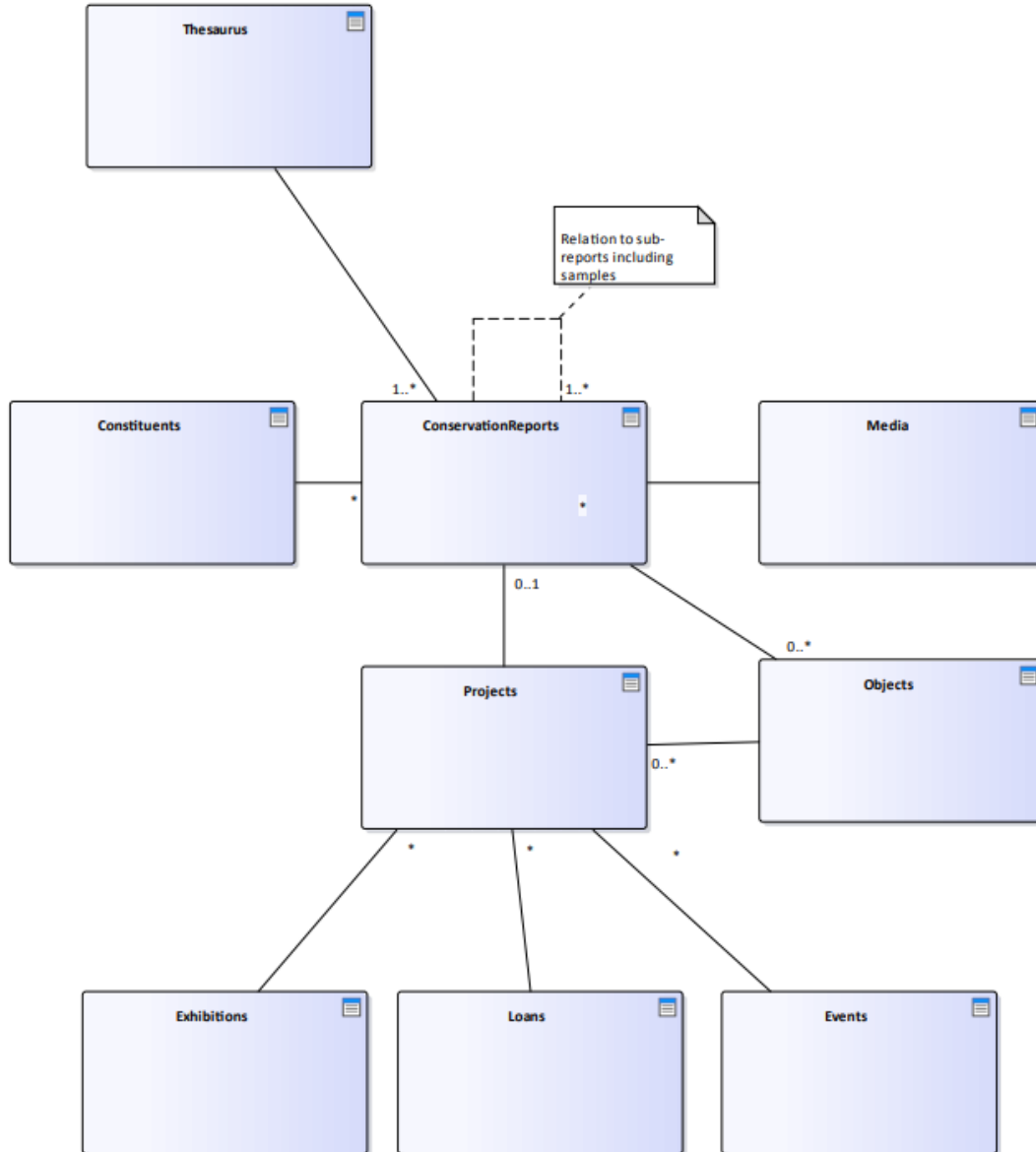
-  **Objects** **Object-module records** track works of art, artifacts, specimens, archival materials, and other physical or conceptual objects. In Conservation Studio, the Object record is a central place where environmental requirements and handling notes are maintained and from which associated Conservation Report and Project records can be accessed. The cataloging data that is displayed is the live data from the collections management system.
-  **Conservation Reports** **Conservation Report-module records** track specific condition, conservation, research and analysis reports related to Objects. Conservation Sub-Reports can be used to track Components or Child Objects that are related to the parent report. Additionally, a special type of Conservation Report can be used to track Samples taken from an Object.
-  **Projects** **Project-module records** track activities that may relate to multiple Objects or Conservation Reports, such as examinations and treatments associated with Exhibitions or Loans, surveys, and research projects.
-  **Bibliography** **Bibliography-module records** track books, journal articles, and other similar materials. They may be linked to Object records or to Conservation Reports to record relevant references or publications documenting an examination or treatment.
-  **Media** **Media-module records** track digital files, web links, and physical media (transparencies, photographic prints, etc.). From the conservation perspective, this includes documentation of object condition, before and after treatment reports, etc., linked to specific Conservation Report records.

Additionally, Conservation Studio can link to the following modules, which are managed in the collections management system (TMS or TMS Collections).

-  **Constituents** **Constituent-module records** track individual people, cultural groups and institutions. Conservators and scientists are tracked in Constituent records, which can be linked to Conservation Reports.

-  Exhibitions **Exhibition-module records** can be linked to the Project-module records.
-  Loans **Loan-module records** can be linked to Project-module records.

SIMPLIFIED RELATIONSHIPS BETWEEN CONSERVATION REPORTS AND OTHER MODULES



II. Textile Examination Report- Rugs

9/6/2019
TMS Conservation Studio

CR-2015-10 DATE COMPLETED: 19-AUG-2017 Textile- Examination Report- Rugs

Identifying information for the Conservation Report



Object included in Report: 001b.33.335

Artist / Maker: Anatolian

Object Name / Title: Medallion Rug

Object Display Date: c. 1500

Medium: Wool pile on a wool foundation

Dimensions: 73 x 57 1/4 inches (185.42 x 145.42 cm)

Credit Line: The Demo Museum

Tombstone (Label Copy)
Data from linked Object Record

Restricted Access

Linked Media

Related MediaXrefs + x 3x



Media Module records linked to the Conservation Report record

Examiner + x Due Date Date Completed

Tessa Connor 8/21/2017 8/19/2017

Overall Condition *Examiner is a Constituent record linked to the Conservation Report record.*

Stable B I U

Overall Condition Text

Dimensions + x 3x

	Value	Primary Unit	Value	Secondary Unit	Display Label
Overall:					<input type="checkbox"/>
height	73	Inches	185.42	Centimeters	<input checked="" type="checkbox"/>
width	57	Inches	144.78	Centimeters	<input checked="" type="checkbox"/>
depth		Inches		Centimeters	<input checked="" type="checkbox"/>

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For Pile Rugs:

	Name	Value
	Pile Rug	<input checked="" type="checkbox"/>
	Type of Knots	Senneh (Persian) (asymmetrical) ▼
	Opening Direction (of Asymmetrical Knots)	Left ▼
	Knots over Warps	<input checked="" type="checkbox"/>
	Pile Rug Ground Weave	<input type="text"/>
	Number of Weft Passes between Knots	<input type="text" value="0"/>
	Levels of Pile	Two Levels ▼

For Soumak

	Name	Value
	Soumak	<input type="checkbox"/>
	Direction of Twining	(not entered) ▼

Kilim

	Name	Value
	Kilim	<input type="checkbox"/>

This section details structural characteristics of the examined rug, with specific details associated with each type of rug.

These data elements are represented as checkboxes, drop-down fields, and numbers, but could also be configured as links to a thesaurus.

Some elements could be mapped to linked open data thesauri, such as the AAT.

Pile Rug may be mapped to:
<http://vocab.getty.edu/page/aat/300187116>

















Senneh (Persian) (Assymetrical) may be mapped to:
<http://vocab.getty.edu/page/aat/300186765>

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General Object Condition

	Name	Value	Location	Annotation Format
 	Brittleness	<input type="checkbox"/>		<p>These condition data elements are represented as checkboxes. Some elements could be mapped to linked open data thesauri, such as the AAT. For example, <i>brittleness</i> could be mapped to: http://vocab.getty.edu/page/aat/300056193</p>
 	Abrasion	<input type="checkbox"/>		
 	Fraying	<input type="checkbox"/>		
 	Losses	<input type="checkbox"/>		
 	Cuts	<input type="checkbox"/>		
 	Tears	<input type="checkbox"/>		
 	Staining	<input type="checkbox"/>		
 	Distortion	<input type="checkbox"/>		

Current Status

	Name	Value
 	Current Housing Status	<input type="text" value="Rolled"/>

Rolled may map to:
<http://vocab.getty.edu/page/aat/300387147>


III. Drawings Survey

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TMS Conservation Studio

Identifying information for
the Conservation Report

CR-2014-8 DATE COMPLETED: 4-JUN-2014 Drawings Survey (2014 - 2015)

Surveyed Object



Object included in Report: 001.4
 Artist / Maker: W
 Object Name / Title:
 Object Display Date: 1878
 Medium: Watercolor with opaque white highlights over charcoal on cream, moderately thick, rough-textured wove paper
 Dimensions: Paper Size: 23 5/8 x 14 1/4 inches (60 x 36.2 cm)
 Frame Size: 31 x 24 x 1 1/2 inches (78.74 x 60.96 x 3.81 cm)
 Credit Line:

Tombstone (Label Copy)
Data from linked Object Record

Survey Details

Examiner: + x + Associated Constituent 1 + x + Overall Condition


Jamie M. Garth ▼ ▼ Stable ▼


Begin Date: 6/4/2014 📅 Date Completed: 6/4/2014 📅


IPM Required


Survey Photography

Related MediaXrefs + x 🔍


bt


bt


R.2006-002


R.2006-003

Linked Media Module records

Media

<input type="checkbox"/>	Medium (Text)	<p>Media and condition details may be structured in several ways (checkboxes, thesaurus links), or just free text. If there is structure, we can map to standard LOD vocabularies or thesauri.</p>	watercolor with opaque white highlights
<input type="checkbox"/>	Medium (Text)		charcoal
<input type="checkbox"/>	Medium (Text)		graphite
<input type="checkbox"/>	Support (Text)		rough-textured wove paper

Media Condition

Name	Value	Location	Remarks	Annotation Format
Abrasion of Media	<input checked="" type="checkbox"/>	lower right		✎
Flaking	<input type="checkbox"/>			
Fading	<input checked="" type="checkbox"/>			✎

Any metadata, like Location, Remarks etc. is optional. It may be captured in an Annotation, or may not be recorded.

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Staining	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	
Darkening	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	2

Paper/Support Conditions

Name	Value	Location	Remarks
Embrittlement	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
Tears	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
Creases	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
Folds	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>

Dimensions

Dimensions

	Value	Primary Unit	Value	Secondary Unit	Display Label
Overall: 20 1/16 x 14 Inches (51 x 35.6 cm)					
height	20 1/16	Inches	51.00	Centimeters	<input checked="" type="checkbox"/>
width	14				<input checked="" type="checkbox"/>
Paper Size: 20 1/2 x 14 1/4 Inches (52.07 x 36.2 cm)					
height	20 1/2				
width	14 1/4				
Frame Size: 31 x 24 x 1 1/2 Inches (78.74 x 60.96 x 3.81)					
height	31				
width	24				
depth	1 1/2				

Project

P.2014.032 ACTIVE Conservation Surveys

Project Name: IMLS Drawings Survey Project (Spring 2014 - Summer 2015) [ProjectDemo]

Project Type: Conservation Surveys

Dates: 05/15/2014 - 12/31/2016

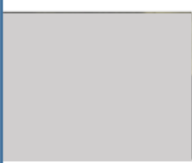
Link to the Project

Module record for the Survey Project that this Conservation Report is part of.

IV. Analytical Report- Paint Samples

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TMS Conservation Studio
Identifying information for the Conservation Report

CR-2016-004 DATE COMPLETED: 16-JUN-2016 Analytical Report- Paint Samples



Object included in Report:

Artist / Maker: George Morland, English, 1763-1804

Object Name / Title: Tombstone (Label Copy) Data from linked Object Record

Object Display Date: 18th/19th Century

Medium: Oil on canvas

Dimensions: 27½ x 35½ in. 69.8 x 90.2 cm

Credit Line:

Examiner + x

Jamie M. Garth Restricted Access

Begin Date **Date Completed**

2/4/2016 6/16/2016

Purpose of the Analysis

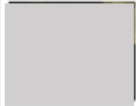
To understand the sequence of paint application.

Methodology

Paint samples were taken with a surgical scalpel under magnification with a stereo microscope

	Name	Value	Remarks
	Analytical Techniques Used	<input type="text"/>	<input type="text"/>

Related MediaXrefs + x <>



R.2016-18
Location of Samples

This linked Media Module record is an annotated map showing where numbered samples were taken.

There are 2 Sample(s) created for the current Conservation Report +

Paint Sample 1

Report Number
Paint Sample 1

Sample Details

Name	Value
Sample Number	1
Sample Type	cross-section

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Sample Location	from tree trunk behind blindfolded girl (labelled 1 above)
Sample Description	brownish green paint layer

Related MediaXrefs + x <>

R.2010-178
Sample 1- Layers

R.2016-19
Annotation (Annotation 3)

R.2010-11
Sample 1- Layer

These Media Module records are linked to the Sample Conservation (Sub) Report for Sample 1. Each Media Record may have its own metadata describing magnification, annotations, etc.

Overall Testing & Analysis B I U

This sample comprises seven layers...

Layers Bottom to Top B I U

1. White ground or priming layer fluoresces strongly in UV light.
2. Green paint layer...
3. Second layer of green paint
4. ...
5. ...
6. ...
7. ...

Paint Sample 2 Sample 2 has its own metadata and linked Media Module records. x

Report Number

Paint Sample 2

Sample Details

Name	Value
Sample Number	2
Sample Type	cross-section v
Sample Location	0
Sample Description	0

Related MediaXrefs + x <>

R.2010-188
Sample 3- Layers

R.2016-21

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V. Screen Shots of a Project Module Record

A Project Record represents an activity or event that may include multiple Objects or Conservation Reports. Projects may be linked to Exhibition or Loan records.

The screenshot displays the 'Projects' module in TMS CONSERVATION STUDIO. The main area shows details for project P.4321, 'Exhibit and Loan Conservation'. The project is active and has a status date of 12/15/2013. It is an 'Exhibition-Related Conservation' project that began on 1/2/2014 and ended on 12/31/2019. The project is locked. A notes field is present but empty. Below the notes is a table of 'Project Related Constituents (4)'. A blue annotation 'Constituent Records linked to the Project' points to this table.

Role	Display Name
Coordinating Conservator	Jamie M. Garth
Participating Conservator	Lee Hoffman
Participating Conservator	Tessa Connor

Information can be accessed by clicking on nodes in the side navigation tree.

This screenshot shows the same project record, but the 'Related Objects (to Project)' table is expanded. It lists three objects related to the project:

Media	Object Number	Display Name	Classification	Object Name	Title	Object Display Date	Cred Line	Department
	13.8	Robert Reid	Paintings		The Miniature	c1900	City of Del Pur	American Art
	16.31	Frank Weston Benson	Paintings		My Daughter Elisabeth	c. 1914	Dei Mu of Art	American Art
	19.34	Frederick Carl Frieseke	Paintings		The Blue Gown	1917	Fol Soc Pur	American Art