

# Daguerreobase

Collective cataloging tool for daguerreotypes  
and daguerreotype literature



## DELIVERABLE

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Daguerreobase

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DAGUERREOBASE

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### D3.2.4 Multilingual set of thesauri or entries list for the description of daguerreotype objects

Version 2.3 (work in progress)

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# 1. REVISION HISTORY AND STATEMENT OF ORIGINALITY

## Revision History

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## 2. INTRODUCTION

To facilitate the uniform description of the many aspects of daguerreotype objects, WP3 provides a multilingual reference terminology for daguerreotypes and an environment to create and evolve that terminology in permanent compliancy with Europeana in at least nine different languages.

The set of Daguerreobase entries lists will be a key output from the best practice work in this work-package. Several approaches are possible, including the construction of a terminology “from scratch” and the use or adaptation of an existing (free) terminology. This work will be done in the context of the European Metadata Registry ISO/IEC 11179, Information Technology -- Metadata registries<sup>1</sup> (MDR), which is divided into Framework, Classification, Registry metadata model and basic attributes, Formulation of data definition, Naming and identification principles, Registration.

Along with the management and publication of controlled vocabularies, the Terminology Registry will allow for terminologies encoded in different formats to be imported, namely coded in SKOS and Web Ontology Language (OWL). The issue of language will also be addressed in this WP - consensus is required regarding the use of a reference language, this will be English (UK).

The SKOS infrastructure allows the use of existing or new thesauri. The consortium decided to use only a geographical thesaurus (GeoNames<sup>2</sup>) in this phase of the project, for the subject location. AAT was researched but was not available in all nine languages of the participants and many terms needed for the Daguerreobase were missing. Moreover, the process of migrating all descriptions to the AAT terms would be too time consuming in view of the time reserved for editing data in Daguerreobase.

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<sup>1</sup> <http://metadata-stds.org/11179/>

<sup>2</sup> <http://www.geonames.org>

### 3. General instructions

In the Daguerreobase two levels of predefined entry lists will be used: static value lists and SKOS lists. Static value lists are used to enter general information about a daguerreotype, like date, access level, type and publishing status. SKOS is used to organise detailed information about the daguerreotype. Each SKOS (text) item will be translated into at least nine languages. In this document we'll only show the English (UK) version. The main reason to put many of the object description fields into SKOS is to prevent the use of variations in spelling, sizes, interpretations and accuracy of descriptions, thus allowing for more efficient search and better comparison. For example we use a fixed list of sizes so we can compare daguerreotypes with the same size. The same applies to materials, shapes and platemarks..

In the upcoming months, when partners will start adding content and thus will be describing their daguerreotypes, it is not unlikely that new terms may have to be added to the SKOS. PIM made an authorized entry to a SKOS environment to describe and translate terms, see <http://openskos.memorix.nl/#editor>. This environment is to be used by the professional users only, while less experienced Daguerreobase users can send requests for new terms by mail, see [www.daguerreobase.org](http://www.daguerreobase.org).

SKOS terms are available in the forms to describe a daguerreotype. By clicking an icon, a pop-up list will be shown with all the related items. If applicable, one can select more than one term. Depending on the language selected in Memorix Maior or Express, the translation of the term will be shown in the field entry.

## 4. SKOS thesaurus

A daguerreotype can be described in a very high level of detail. To be flexible in describing these details and different types of housings we propose to use a SKOS Thesaurus. In this proposal we use fields in entities to describe general properties of the daguerreotype (including housings) and the presence of specific objects in the daguerreotype image. We will use the SKOS structure for more specific properties that can easily be translated in many languages. By using SKOS we need almost 100 fields fewer than in the current Daguerreobase, while still having the same tools to describe the details.

SKOS is a common data model for sharing and linking knowledge organization systems via the Web. Many knowledge organization systems, such as thesauri, taxonomies, classification schemes and subject heading systems, share a similar structure, and are used in similar applications. SKOS captures much of this similarity and makes it explicit, to enable data and technology sharing across diverse applications.

The SKOS data model provides a standard, low-cost migration path for porting existing knowledge organization systems to the Semantic Web. SKOS also provides a lightweight, intuitive language for developing and sharing new knowledge organization systems. It may be used on its own, or (in the future) in combination with formal knowledge representation languages such as the Web Ontology Language (OWL).

This overview shows all schemas used in SKOS for a daguerreotype.

The first version of the SKOS list was very detailed and hierarchical. The consortium decided during the first test sessions to simplify the list so that translations can be made quickly and to ensure that maintenance of the schemas is more efficient. In this overview only the English terms are shown. This SKOS structure and content is still in development and it will continue to be so in the future. At this moment it is mainly an efficient multi-language tool to organise and maintain many value lists related to a daguerreotype. This structure can evolve into a 'real' thesaurus in the future.

## 5. Annex 1. The SKOS Thesaurus or entries list

Level 1	Level 2	Level 3	Level 4	Items ( <i>italic lists will be referred to as "see xx list"</i> )
frame	material			wood, metal, thermoplastic, other, plaster, wood and plaster, wood and velvet, wood and leather, wood with metal finish, leather, cardboard with paper covering, wood and metal, wood and silk
	colour			red, blue, green, brown, black, grey, white, light brown, gold, dark brown, light red, dark red, light blue, dark blue, light green, dark green, yellow, light yellow, dark yellow, indigo, light indigo, dark indigo, violet, light violet, dark violet, orange, light orange, dark orange, silver, tortoise shell
	ribbon material			see material list
	ribbon colour			see colour list
	decoration overall style			rococo, swept, reverse, other
	decoration locally applied			bas relief, bas relief and imitation graining, bas relief ornaments, border, bronze paint pattern, dotted bas relief, gilded border, gilded grooves, grooves, bas relief in window edges, gilded border, imitation graining, imitation nut wood, leaves in bas relief, none, ornaments in bas relief, bronze border, window edges, woven texture
	covering finish			gesso, veneer, gilding, fabric, varnish, paint, imitation wood graining, other
	inner frame finish			gesso, veneer, gilding, fabric, varnish, paint, imitation wood graining, other
	mounting		type	both, both standing and hanging, hanging, standing
			attached to	frame, frame backing
			eye material	see material list
			ribbon material	see material list
	case	type		
exterior covering material				see material list
shape				arch, arched, arched with sharp corners, braces, circle, half circle and rectangular, hexagon, octagon, octagon with rounded sides, ogee, ogee and brace, rounded rectangle with braces, other, oval, quarter circle, rectangle

		<i>attached by orientation</i>	<i>glue, nails, other, part of base, rivets, screws horizontally, vertically</i>
	<i>closure mechanism</i>		<i>hook &amp; eyelet, hook &amp; rivet, other, push-button</i>
	<i>closure decoration</i>		<i>see decoration list</i>
	<i>cover</i>		<i>domed, flat</i>
		<i>wall decoration</i>	<i>see decoration list</i>
		<i>cushion material</i>	<i>see material list</i>
		<i>cushion colour</i>	<i>see colour list</i>
		<i>cushion decoration</i>	<i>see decoration list</i>
		<i>retainer material</i>	<i>see material list</i>
		<i>retainer colour</i>	<i>see colour list</i>
	<i>tray</i>	<i>wall decoration</i>	<i>see decoration list</i>
		<i>colour</i>	<i>see colour list</i>
		<i>retainer material</i>	<i>see material list</i>
	<i>insert</i>	<i>material</i>	<i>see material list</i>
		<i>colour</i>	<i>see colour list</i>
	<i>cover retainer</i>	<i>material</i>	<i>see material list</i>
		<i>colour</i>	<i>see colour list</i>
	<i>cover insert</i>	<i>material</i>	<i>see material list</i>
		<i>colour</i>	<i>see colour list</i>
<i>Binding</i>	<i>material</i>		<i>see material list</i>
	<i>colour</i>		<i>see colour list</i>
	<i>texture</i>		<i>bubbles, embossed hatching, embossed ornaments, grainy, grooves, imitation leather, imitation skin, leather, linen, waffled embossing, wood, woven</i>
	<i>assembly</i>		<i>1 strip, 4 strips, 8 strips, folded piece, folded piece of paper, other, pressed, soldered and folded, two strips and a piece of paper</i>
<i>Covering glass</i>	<i>colour</i>		<i>see colour list</i>
	<i>border colour</i>		<i>see colour list</i>
	<i>border shape</i>		<i>see shape list</i>



	<i>decoration</i>		<i>see decoration list</i>
	<i>line colour</i>		<i>see colour list</i>
<i>Mat</i>	<i>material</i>		<i>see material list</i>
	<i>colour</i>		<i>see colour list</i>
	<i>decoration design</i>		<i>stamped, etched, gilded, coated</i>
	<i>decoration texture</i>		<i>see texture list</i>
	<i>decoration type</i>		<i>stamped, etched, gilded, coated</i>
	<i>window shape</i>		<i>see shape list</i>
	<i>window edge type</i>		<i>bevelled, flat, rounded, straight</i>
	<i>window edge colour</i>		<i>see colour list</i>
	<i>top mat colour</i>		<i>see colour list</i>
	<i>spacing paper type</i>		<i>flat, rounded, straight</i>
	<i>spacing paper colour</i>		<i>see colour list</i>
<i>Backing</i>	<i>material</i>		<i>see material list</i>
	<i>colour</i>		<i>see colour list</i>
	<i>assembly</i>		<i>see assembly list</i>
	<i>access panel lock</i>		<i>paper, pins, tape</i>
	<i>back: paper</i>		<i>decorated end-paper present, end-paper present, no end-paper, other</i>
	<i>hanging system</i>	<i>ribbon colour</i>	<i>see colour list</i>
<i>Finishing paper</i>	<i>colour</i>		<i>see colour list</i>
	<i>design</i>		<i>flower motif, marble, moiré effect by texture, paper flakes, stripes</i>
	<i>texture</i>		<i>embossed hatching, embossing, grainy, grooves, overlapping paper shreds, skin or imitation skin, waffled embossing, wood, woven, wrinkled aluminium, wrinkled aluminium</i>

Plate	shape	<p><i>arch, arched, arched with sharp corners, braces, circle, half circle and rectangular, hexagon, octagon, octagonal with rounded sides, ogee, ogee and brace, other, oval, quarter circle, rectangle, rectangle with round corners, round, rounded rectangle, rounded rectangle with braces, stereo plates</i></p>
	size	<p><i>100 x 81 mm / 3,94 x 3,19 inches, 100x75 mm, 102 x 81 mm / 4,02 x 3,19 inches, 104 x 93 mm / 4,09 x 3,66 inches, 112 x 97 mm / 4,41 x 3,82 inches, 115 x 81 mm / 4,53 x 3,19 inches, 118,5 x 92 mm / 4,67 x 3,62 inches, 12,7 x 10,1 cm / 5,0 x 3,98 inches, 121 x 107 mm / 4,76 x 4,21 inches, 121 x 160 mm / 4,76 x 6,30 inches, 123 x 90 mm / 4,84 x 9,94 inches, 13,0 x 7,0 cm / 5,12 x 2,75 inches, 13,0 x 9,8 cm / 5,11 x 3,86 inches, 13,0 x 9,9 cm / 5,12 x 3,90 inches, 13,1 x 6,9 cm / 5,16 x 2,72 inches, 13,6 x 7,6 cm / 5,35 x 2,99 inches, 146 x 106 mm / 5,75 x 4,17 inches, 147 x 106 mm / 5,79 x 4,17 inches, 152 x 107 mm / 5,98 x 4,21 inches, 155 x 120 mm / 6,1 x 4,72 inches, 155 x 121 mm / 6,10 x 4,76 inches, 157 x 142 mm / 6,18 x 5,59 inches, 158 x 107 mm / 6,22 x 4,21 inches, 16,0 x 12,0 cm / 6,30 x 4,72 inches, 16,2 x 11,9 cm / 6,38 x 4,69 inches, 160 x 119 mm / 6,30 x 4,69 inches, 160 x 120 mm / 6,30 x 4,72 inches, 160 x 121 mm / 6,30 x 4,76 inches, 161 x 120 mm / 6,34 x 4,72 inches, 161 x 121 mm / 6,34 x 4,76 inches, 162 x 121 mm / 6,38 x 4,76 inches, 163 x 120 mm / 6,42 x 4,72 inches, 164 x 121 mm / 6,46 x 4,76 inches, 165 x 120 mm, 45 x 65 mm / 1,77 x 2,56 inches, 5,5 inch half-plate 140 x 108 mm / 5,5 x 4,25 inches, 5,5? half-plate 140 x 108 mm / 5,5 x 4,25 inches, 5,5" half-plate 140 x 108 mm / 5,5 x 4,25 inches, 51x43mm 55 x 43 mm / 2,17 x 1,69 inches, 7,4 x 6,4 cm / 2,91 x 2,52 inches, 7,6 x 6,4 cm / 2,99 x 2,52 inches 8,4 x 6,8 cm / 3,31 x 2,68 inches, 85 x 73 mm / 3,35 x 2,87 inches, 95 x 142 mm / 3,74 x 5,59 inches, 96 x 71 mm / 3,78 x 2,80 inches, eighth-plate 80 x 54 mm / 3,25 x 2,1 inches, full plate 215 x 165 mm / 8,5 x 6,5 inches, full/half-plate 180 x 140 mm / 7,1 x 5,5 inches, half-plate 165 x 108 mm / 6,5 x 4,25 inches, ninth-plate 64 x 50 mm / 2,5 x 2 inches, ninth-plate 80 x 50 mm / 3,25 x 2 inches, other, oval plate, oval plate 145 x 107 / 5,71 x 4,21 inches, oval plate 148 x 111 mm / 5,83 x 4,37 inches, oval plate 160 x 120 mm / 6,30 x 4,72 inches, oval plate 51 x 42 / 2,01 x 1,65 inches, oval plate 81 x 65 mm / 3,19 x 2,56 inches, quarter-/half-plate 130 x 100 mm / 5,1 x 3,4 inches, quarter-plate 108 x 80 mm / 4,25 x 3,25 inches, quarter/half-plate 130 x 100 mm / 5,1 x 3,4 inches, round plate 50 x 50 mm / 1,97 inches, round plate 9,7 x 7,7 cm / 3,82 x 3,03 inches, round plate 9,7 x 8,8 cm / 3,82 x 3,46 inches, round plate 9,7 x 8,9 cm / 3,82 x 3,50 inches, sixth-plate 80 x 70 mm / 3,25 x 2,75 inches, stereo plate 128 x 74 mm / 5,04 x 2,91 inches, stereo plate 133 x 73 mm / 5,24 x 2,87 inches, stereo plate 134 x 74 mm / 5,28 x 2,91 inches, stereo plate 135 x 72 mm / 5,31 x 2,83 inches, stereo plate 135 x 80 mm / 5,31 x 3,19 inches, stereo plate 136 x 73 mm / 5,35 x 2,87 inches, stereo plate 136 x 79 mm / 5,35 x 3,11 inches, stereo plate 137 x 77 mm / 5,39 x 3,03 inches, stereo plate 74 x 132 mm / 2,91 x 5,20 inches, stereo plate 75 x 135 mm / 2,95 x 5,31 inches</i></p>

<i>material</i>			<i>see material list</i>
<i>back_plate surface</i>			<i>copper, other, silver copper, silvered copper, yellow varnish</i>
<i>surface</i>	<i>applied colouring type</i>		<i>skin, jewellery, clothing/fabric</i>
<i>perforation location</i>			<i>all corners, bottom, bottom left, bottom right, left, other, right, top, top left, top right</i>
<i>securing</i>	<i>adhesive</i>	<i>fixed to</i>	<i>back of plate (part of original binding), backing, both, cover glass, mat or spacing paper, other</i>
		<i>place</i>	<i>centre, corners, edge(s), other, whole surface</i>
	<i>paper or tape</i>	<i>fixed to</i>	<i>back of plate (part of original binding), backing, both, cover glass, mat or spacing paper, other</i>
		<i>type</i>	<i>Filmoplast, label, label and strips of paper, other, piece of paper, piece of printing, piece of tape, sticker, strips of note paper, strips of paper, strips of paper and tape strips of plastic tape, strips of printing, strips of tape, strips of textile tape</i>
		<i>shape</i>	<i>see shape list</i>
		<i>edges</i>	<i>cut, other, scalloped, serrated, straight, torn</i>
		<i>colour</i>	<i>see colour list</i>
<i>role Actor</i>			<i>creator, depicted person, plate mark manufacturer, copyright holder</i>
<i>language</i>			<i>according ISO 639-2</i>
<i>script</i>			<i>according ISO 15924</i>
<i>nationality</i>			<i>according ISO 3166-1</i>
<i>geographical</i>			<i>geonoames.org</i>