SILKNOW

Weaving our past into the future

2018 EUROPEAN YEAR OF CULTURAL HERITAGE #EuropeForCulture

Comisión Europea

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http://silknow.org/

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Who is SILKNOW?

A consortium of 9 partners with different institutional profiles:

- 3 universities
- 3 research centers
- 2 small companies (silk manufacture and 3D printing)
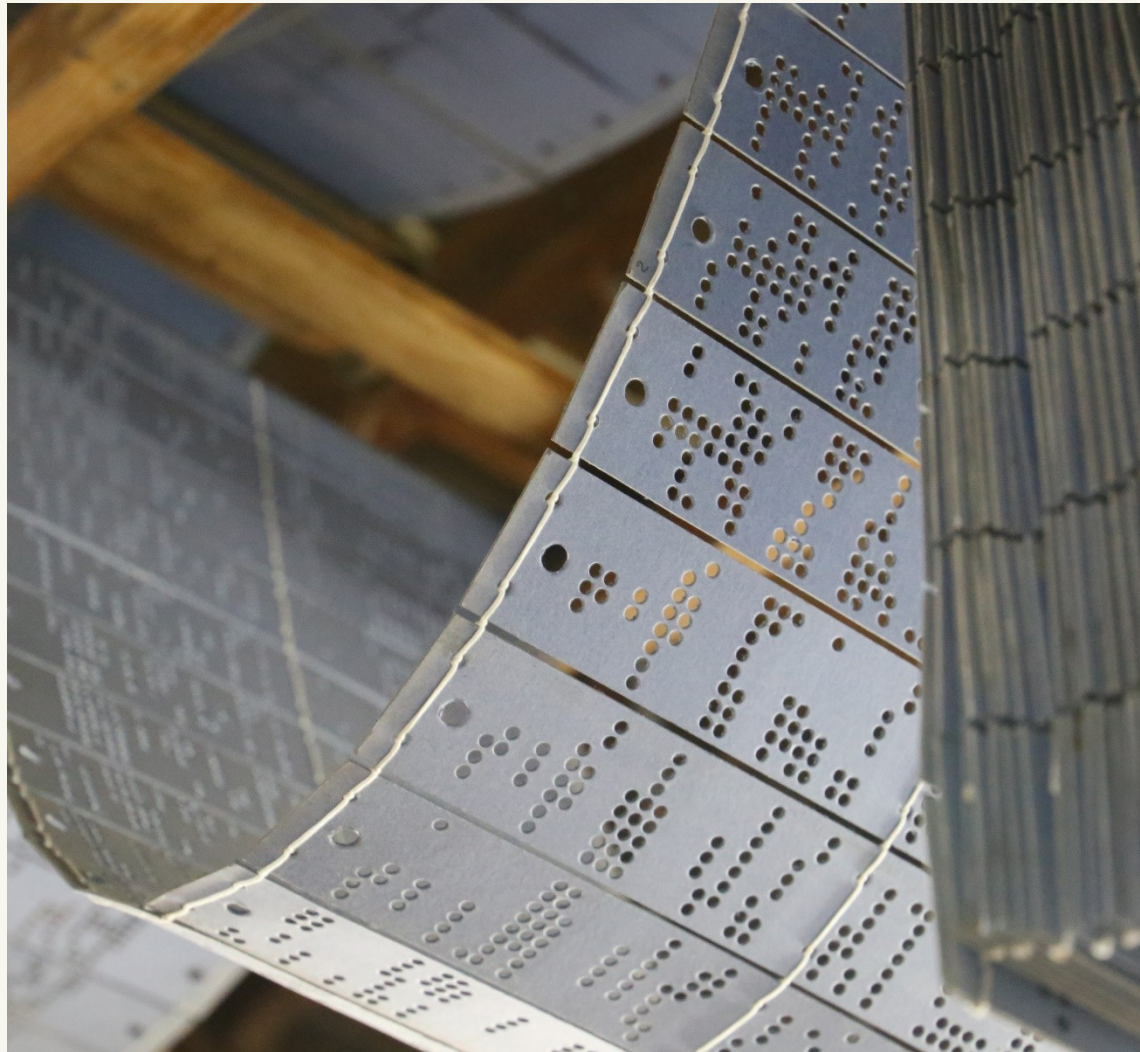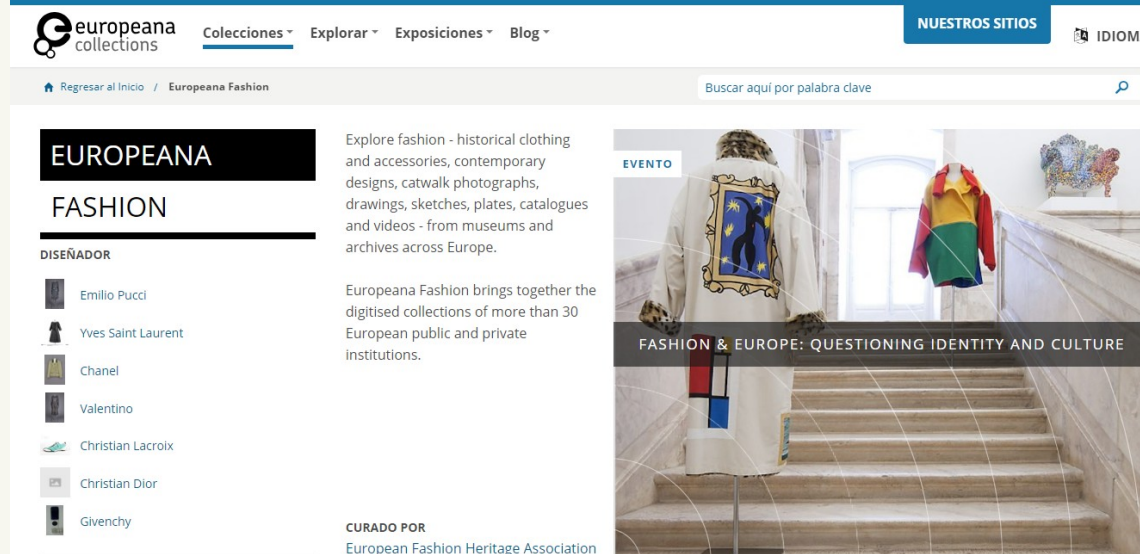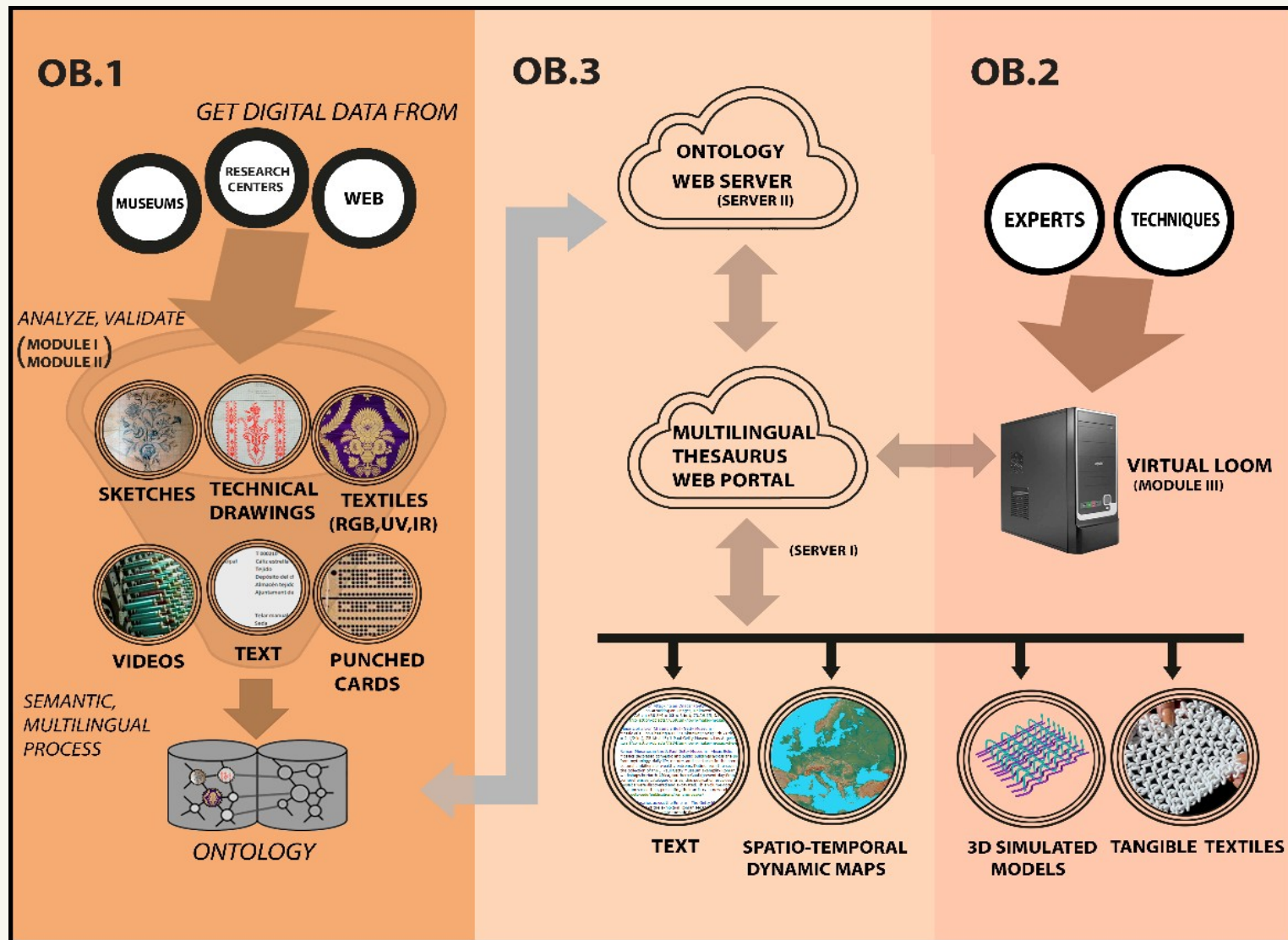- 1 national cultural institute

Why SILKNOW?

An endangered heritage

However, there is also a growing interest on costume and fashion, as both a cultural phenomenon and a creative industry.

Three main goals

Objective 1

1. Advanced searching and semantically relating digitized European silk textile heritage, based on data interoperability across different collections. Focusing on small and medium size CHI.

Domaine	textile	
Dénomination	tableau	
Appellation	tableau tissé	
Titre	Pie IX ; portrait de Pie IX	
Auteur/exécutant	ALLARDET (dessinateur) ; CARQUILLAT Michel Marie (tisseur)	
Précision auteur/exécutant	ALLARDET : Dessinateur au 19e siècle CARQUILLAT : ?, 1802 ; ?, 1884	
Lieu création / utilisation	France, Rhône-Alpes, Rhône, Lyon (lieu de création)	
Période création/exécution	2e moitié 19e siècle	
Matériaux/techniques	soie, tissé	
Description	Tableau en soie tissé en noir et blanc sur fond blanc	
Dimensions	hauteur en cm 25.1 ; largeur en cm 17.6	
Inscriptions	inscription (français) ; inscription	
Précision inscriptions	inscription, en bas au centre : Pie IX ; inscription, en bas à gauche : Carquillat Tex. ; inscription, en bas à droite : Allardet del	
Sujet représenté	portrait (Pie IX, Mastai Ferretti Giovanni Maria, homme, pape, fauteuil, écharpe, calotte)	
Précision sujet représenté	Représente le portrait du pape Pie IX, assis dans un fauteuil tourné vers la gauche, sur fond soie, il porte en	

7	**1 . TÍTULO O DENOMINACIÓN**	
8	1.1 Nº Inventario	T 000210
9	1.2 Denominación Principal	Cáliz estrella
10	1.3 Objecto	Tejido
11	1.4 Localización	Depósito del chal
12	1.5 Ubicación	Almacén tejidos
13	1.6 Propiedad	Ajuntament de M
14		
15	**2. DESCRIPCIÓN**	
16	2.1 Técnica	Telar manual
17	2.2 Material	Seda
18	2.3 Medidas	55 x 56 cm
19	2.4 Tipología	Brocatel
20	2.5 Accesorios	GP00150, GP00151
21	2.6. Descripción	Dibujo Cáliz estre
22	2.7. Descripción técnica	Urdimbre: Trama
23		
24	**3. ESTADO DE CONSERVACIÓN**	
25	3.1 Condición	Buena
26	3.2 Deterioros	Marca de doblez.

Objective 2

1. Building a Virtual Loom to "clone" ancient weaving techniques.
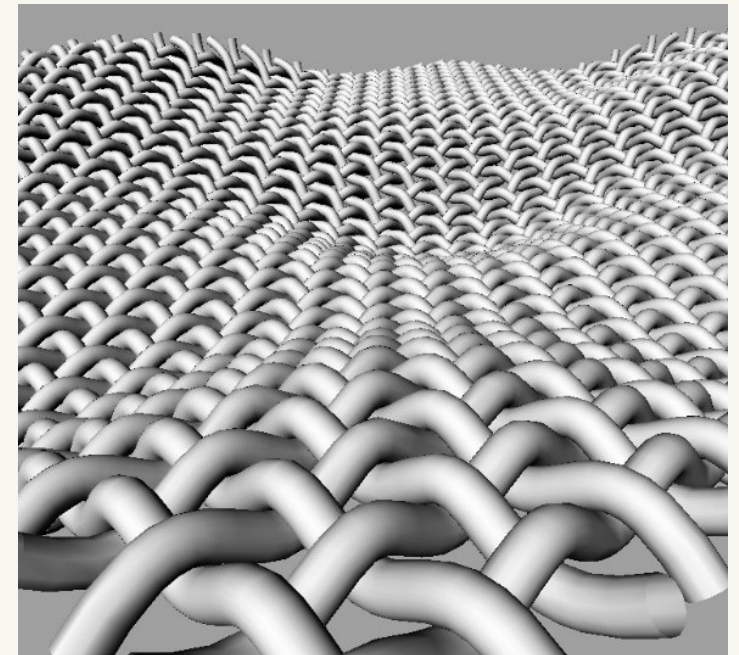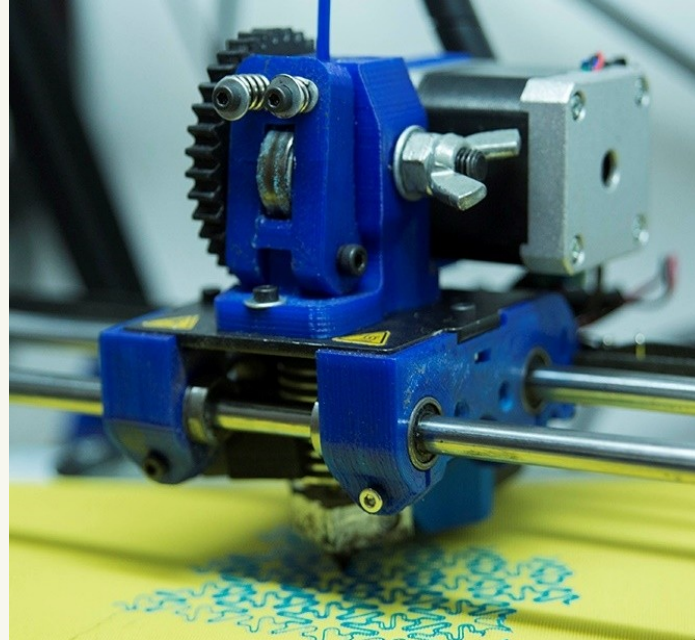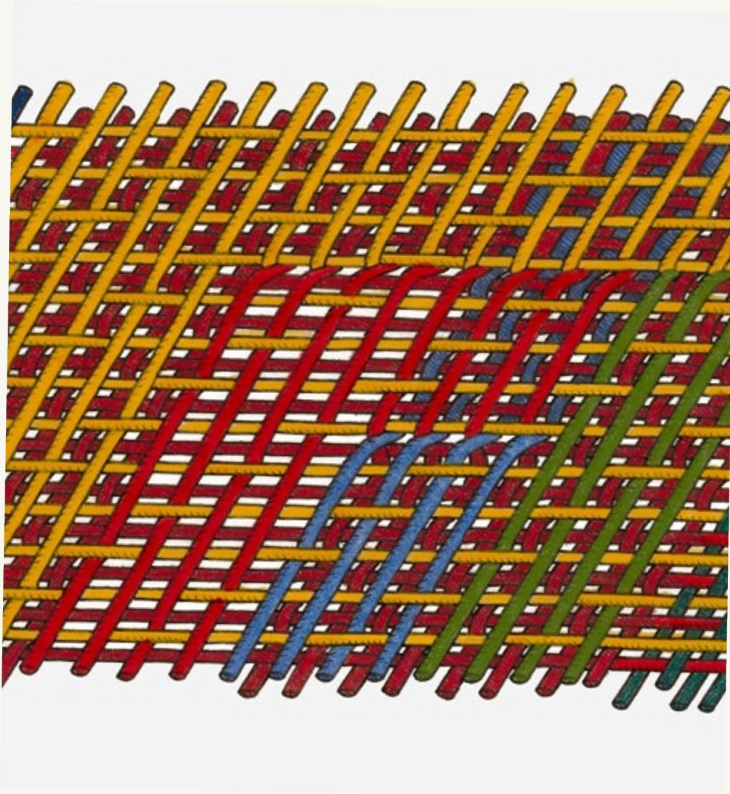
Objective 3

1. Improvement of the understanding of the European silk heritage.

Cross-lingual similarity computation over 100 languages   Home   Abou

Try out the cross-lingual similarity computation and cross-lingual dmoz categoriz

Examples

Data mining -- Wikipedia articles, (English, Chinese)
Chinese Economy -- related articles
World Cup, Japan - Ivory Coast -- related articles
Shanghai noodles -- related articles
Ham

Compute similarity   Reveal key words

Similarity is:
0.846689

Report

Dmoz cat   Spanish ▼   English ▼

Words that add the most to the similarity   Words that add the most to the similar
o que color sigl efect tip fabric suel tej muy   use or centuri that color effect usua

Summary of categories: Summary of categories:
shopping home garden crafts accessories   shopping home garden crafts acces

Top/Shopping/Home_and_Garden/Bathroom/   Top/Shopping/Home_and_Garden/Sof
Top/Shopping/Home_and_Garden/Soft_Furnishings/   Top/Shopping/Home_and_Garden/Acc
Top/Shopping/Crafts/Supplies/   Top/Shopping/Home_and_Garden/Bat
Top/Shopping/Crafts/   Top/Shopping/Home_and_Garden/Bec
Top/Shopping/Home_and_Garden/Accessories/   Top/Shopping/Crafts/Supplies/
Drogba Inspires Ivory Coast to 2-1 Win Over Japan   世界杯：科特迪瓦下半场连进两球挫日

El damasco es un tipo de tejido del tipo sarga o raso. Por un lado,   Damask is a type of twill or satin fabri
la trama sirve de fondo y la urdimbre forma los dibujos, y por el   plot serves as a background and the v
otro lado, ocurre al revés. En él se considera como anverso la   and on the other hand, it happens the
cara que tiene brillante el fondo y mate los dibujos, y lo contrario   considered as an obverse face that ha
ocurre en la opuesta.   kill the drawings, and the opposite occ

☐ Top of the AAT hierarchies
☐ .... Materials Facet
☐ .... Materials (hierarchy name)
☐ .... materials (substances)
☐ .... <materials by form>
☐ .... <materials by physical form>
☐ .... <fiber and fiber by product>
☐ .... <fiber by product>
☐ .... textile materials
☐ .... <textile materials by composition
☐ .... silk (textile)
☐ .... Chinese silk
☐ .... marabout silk
☐ .... organza
☐ .... crepeline
☐ .... raw silk (textile)
☐ .... samite
☐ .... tussah silk (textile)

New Search

Building an ontology Based on CIDOC-CRM

- CIDOC-CRM because it provides definitions and a formal structure for describing the underlying semantic of the structure of documentation on cultural heritage.

- First step, after comparing various types of records on cultural items from different cultural heritage institutions, good practices recommandations or standards, we elaborates a first list of information groups usually available in these cultural items records. Then, we selected the classes and properties of the CRM base model needed for expressing these information groups.

- Second step, in connexion with information extraction from the free-text fields, especially the complementary fields on the technical and material information.

- The modeling of the semantics included in data about the creative and productive process of silk textiles will require elaborating new classes and properties.

Thank you for your attention

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