Weaving our past into the future

SILKNO

Pierre VERNUS, LARHRA pierre.vernus@msh-lse.fr
Marie PUREN, LARHRA, marie.puren@msh-lse.fr

http://silknow.org/

Data for history meeting, Leipzig 4-5 April 2019
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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?
Weaving our past
into the future
Weaving our past into the future

Leipzig, Data for History meeting

April 4-5, 2019
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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
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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.
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**2. DESCRIPCIÓN**

| 2.1 | Técnica | Telar manual |
| 2.2 | Material | Seda |
| 2.3 | Medidas | 55 x 56 cm |
| 2.4 | Tipología | Brocatel |
| 2.5 | Accesorios | GP00150, GP0015 |
| 2.6 | Descripción | Dibujo Cálliz estrella |
| 2.7 | Descripción técnica | Urdimbre: Tran |

**3. ESTADO DE CONSERVACIÓN**

| 3.1 | Condición | Buena |
| 3.2 | Deterioros | Marca de doblez. |
Objective 2

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

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

info@silknow.eu
http://silknow.eu