Proposition de recherche doctorale

Knowledge Modeling and Multilingual Information Extraction for Understanding the Silk Cultural Heritage

Mots clés : Array

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- Domaine scientifique principal: Sciences de l'information et de la communication

Résumé du projet de recherche (Langue 1)

European history is woven in silk. Few materials have had such economic, technical, functional, cultural and symbolic presence throughout our past and present. From flags to canopies, tapestries to furniture, fans to sword sheathes, wedding gowns to traditional costumes, we can find silk in countless contexts, for most of the last 2,000 years. Luxury, craftsmanship, beauty and comfort have been -and still are-associated with it. Common ideas about the Silk Road most often are limited to its ancient and Asian origins, ignoring the importance of its later European ramifications. There is, however, an increasing interest about the Western Silk Road, the network of production and market centres, spreading over various European countries, which the SILKNOW1 project aims to make better known. The scientific goals of this PhD thesis is to develop new methods to model, integrate and annotate cultural heritage artefacts, and to provide tools supporting art historians and other users in interacting with semantically annotated collections of objects.