Hes·so // VALAIS WALLIS

Haute Ecole Spécialisée
de Suisse occidentale
Fachhochschule Westschweiz
University of Applied Sciences
Western Switzerland

Institute of Business Information Systems
eServices

SoftCust intelligent matching platform

Development of an intelligent matching web platform to help the Chinese and Swiss IT SMEs match their competences, needs, offers, and joint activities intelligently to help them find their suitable customer or partnership group in a friendly localized user environment.

Realization

Prof. Anne Le Calvé
Prof. Laurent Bagnoud
Fabian Cretton
Vincent Greze
Lan Zhu
Hui Duan
Zhan Liu

Information

anne.lecalve@hevs.ch
www.websemantique.ch

Keywords

- Semantic Web
- Multilingual semantic search

Our skills

Development of a multilingual semantic search platform

Valorization

Potential submission of a CTI project with a technology partner
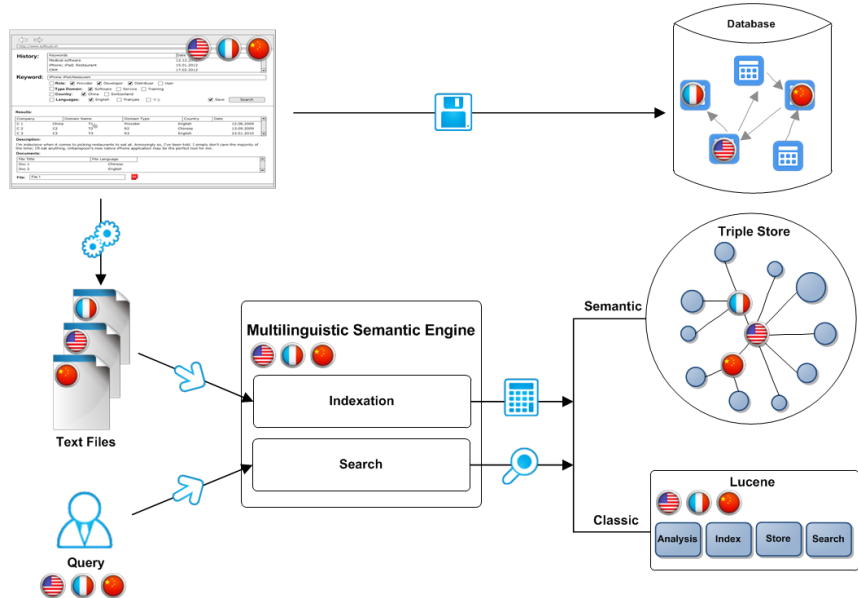
Partnership

- Institute of Entrepreneurship & Management HES-SO Valais

Funding

RCSO HES-SO

Schedule

01/2009 – 06/2012

The goal of this project is to **develop a platform** where potential partners on the **Swiss and Chinese markets** could meet and deal together. After describing their activities and publishing their needs or interests in their mother tongue, users have the possibility to search a specific partner or product by using a semantic search engine.

Softcust Intelligent Matching Platform presents a novel multilinguistic semantic communication for automated information management through a friendly localized platform.

The **multilingual semantic search system** integrates directly disambiguation and analyses automatically each profile and domain description.

The project has created new ontologies, which support the exchange multilinguistic semantically enriched messages: English, Chinese and French (easily extendable to other languages).

SoftCust will facilitate to support the **localization of Swiss software** in China and to adapt to the requirements of the Chinese market. This platform will be an interface between enterprises and markets both from China and Switzerland and will allow the HES-SO to be the main interlocutor.

The project has allowed us to improve competencies on **semantic search and matching.** We have developed a system which can deal with classical and semantic search technologies to improve results.