An Expert System on Linguistics to Support Multilingual Management of Interlingual Knowledge bases

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multilingual access to the web of data

The ULiS project
The ULiS project

→ a Universal Linguistic System

100% using

1. Semantic Web formalisms
2. Pivot-based NLP technique
3. Meaning-Text Theory

to redesign

ULiS compliant with
ULiS envisions three motivating scenarios

1- Machine Translation
2- Management of Interlingual Knowledge Bases
3- Management of the Universal Linguistic Knowledge base

The ULiS architecture

Split MTT’s Explanatory Combinatorial Dictionary in interlingual vs. situational, And use Semantic Web formalisms

The core component of the ULiS: the Interlingual Lexical Ontology

In the ILexicOn: Formal definitions of concepts: Interlingual Lexical Unit Classes
Links:

Maxime Lefrançois’s Home Page
Fabien Gandon’s Home Page
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