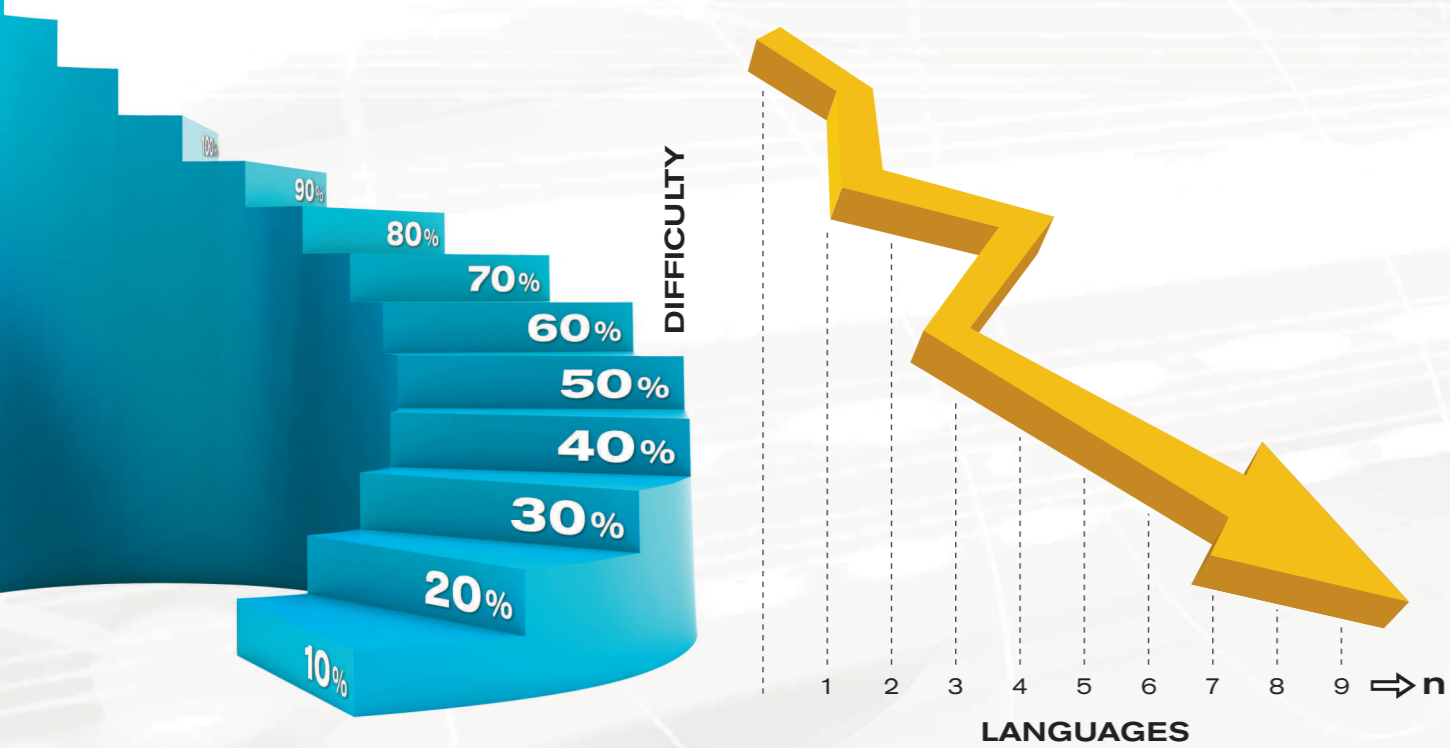


SYNERGIES IN THE PROCESS OF ENTERING LANGUAGES IN THE METALINGUA SYSTEM

Introduction of languages is carried out against the Interlingua, called Metalingua. Since Metalingua is structured and open, it facilitates the introduction of vocabulary and rules. Metalingua works with concepts, which means that to insert a new language it is necessary to define the most appropriate word in that language for each concept that Metalingua proposes. Once the new language has been entered, it becomes linked to all previously introduced concepts, as well as to those which will be introduced later.



Any difficulty in the process of entering new languages decreases exponentially as new languages are added. It takes advantage of synergies between languages.

The bridge between languages

MACHINE TRANSLATION

WEB 3.0

SEMANTIC SEARCH

MULTILINGUAL SEARCH

METALINGUA



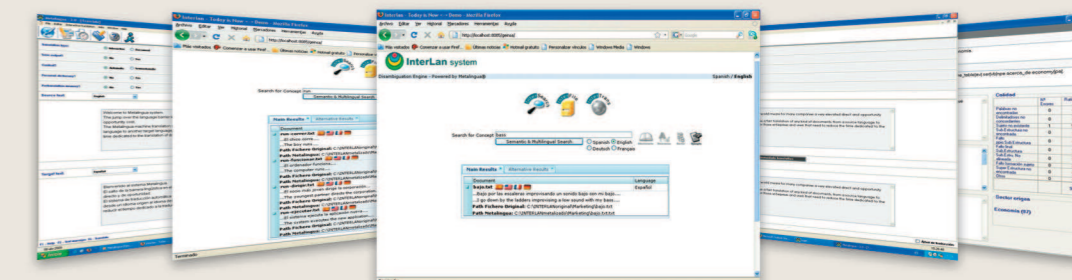
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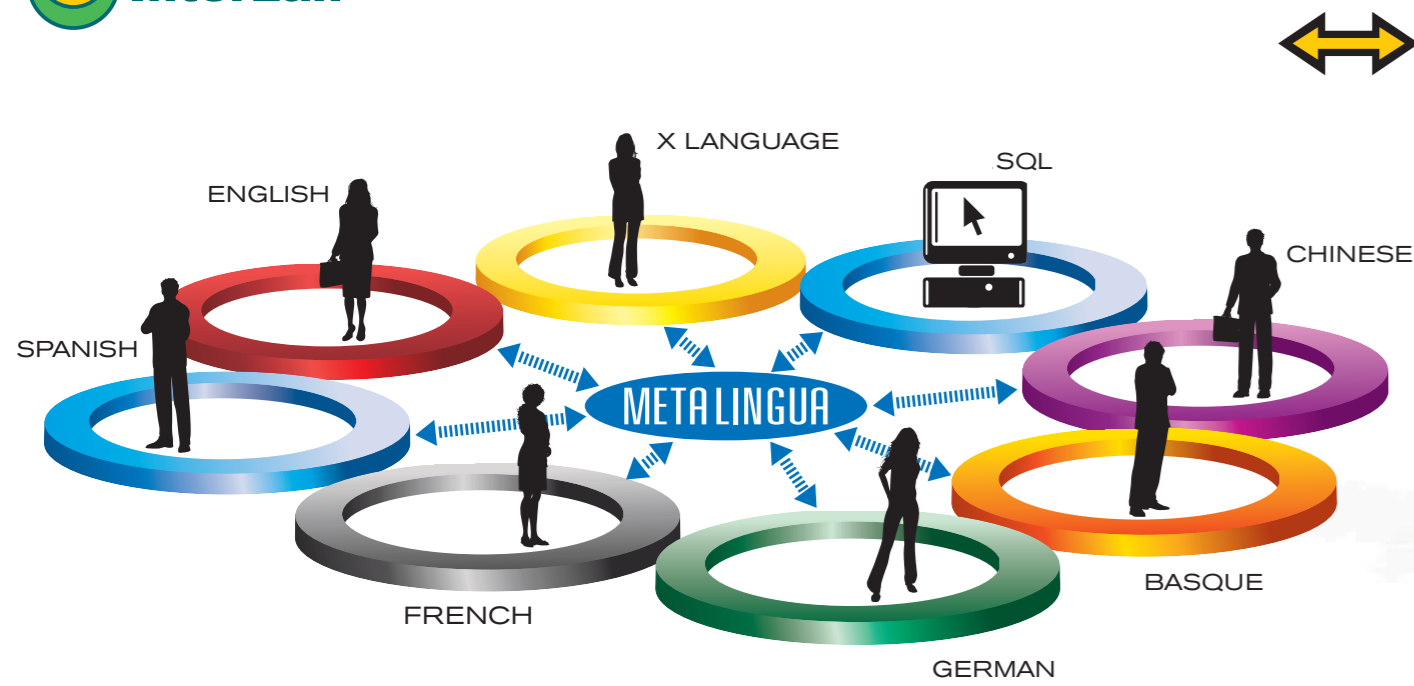
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The bridge between languages

LINKING LANGUAGES
LANGUAGE ENGINEERING





LINKING LANGUAGES

Metalingua leading-edge technology is an intelligent natural language processing engine and a knowledge representation system that is oriented to multilingual communications and multilingual content management.

Metalingua Technology (patented) is an information automatic disambiguating engine.

Metalingua methodology makes multilingual communication possible by allowing translations from any source language to any target languages, including natural and artificial languages (SQL, etc.).

UNSTRUCTURED INFORMATION

- Documents
- e-mail
- Intranet
- Web
- Multimedia
Images, videos, content, ...
- Mobile content
- Voice recognition
Speech to text

DISAMBIGUATION

5 ANALYSES

- 1 - MORPHOLOGIC
- 2 - SYNTACTIC
- 3 - SEMANTIC
- 4 - PRAGMATIC
- 5 - FUNCTIONAL

METALINGUA



CONCEPTUAL MAP

PRODUCTS AND USES BASED ON METALINGUA TECHNOLOGY

- SEMANTIC SEARCH
- MULTILINGUAL SEARCH
- MULTILINGUAL MACHINE TRANSLATION
- HUMAN MACHINE INTERACTION, NATURAL LANGUAGE PROCESSING, SQL, ...
- SEMANTIC ANNOTATION, DATA MINING, RDF, ...
- VOICE RECOGNITION
- MULTILINGUAL CONTENT MANAGEMENT SYSTEMS
- ...

PRODUCTS AND USES BASED ON METALINGUA TECHNOLOGY

SEMANTIC SEARCH

The system searches for concepts instead of words. The system understands meanings.

The requested concept is prioritized in the information retrieval. The system filters any unwanted information.

It can be connected to any Content Management System, or Web Search engine.

MULTILINGUAL SEARCH

You can use your mother tongue to search for concepts contained in documents in different languages. The system shows the information in the user's language and a copy of the original in the source language.

It can be connected to any Content Management System, or Web Search engine.

MULTILINGUAL MACHINE TRANSLATION

The system performs 5 analyses. After those analyses, the meaning is disambiguated and represented in Metalingua ready to synthesize into the target languages or dialects. The system accepts documents in different formats: Word, PDF, XML, HTML, Power point, Excel, ...

The system is also ready to create, use and store translation memories and customized dictionaries.

HMI, NATURAL LANGUAGE PROCESSING, SQL, ...

Metalingua system processes natural language and translates from any language to non-human languages, or machine languages such as SQL, SPARQL, etc. Interfaces for robotics and automation.

SEMANTIC ANNOTATION, DATA MINING, RDF, ...

One of the functionalities of the system is the Semantic Annotation, RDF, etc. After the language is processed, the system analyzes the content and it returns its semantic annotation.

