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Lingvistica develops linguistic resources for use in artificial intelligence, text analytics and by virtual assistants.





LINGUISTIC RESOURCES

SEMANTA

Languages and education for virtual personalities

LANGUAGE TEACHER
COMMUNICATOR
INTERPRETER
KNOWLEDGE MANAGER
TEXT ANALYST
INTELLIGENT HELPER



LANGUAGE TEACHER

LANGUAGES

Semanta speaks your language.
Teaching your Intelligent helper to speak any language

Arabic | Chinese | Dutch(Flemish) | English | French | German |
Hebrew | Indonesian | Italian | Japanese | Korean | Pashto | Persian |
Polish | Portuguese (Brazil) | Russian | Spanish (Latin-America) |
Tagalog | Turkish | Ukrainian | Swedish | Norwegian | Serbian |
Chinese-Simple | Chinese Traditional | Malay | Hungarian | Swedish



COMMUNICATOR

CONVERSATIONS

Intelligently processing questions, answers and expressions

LINGUISTICS

WORD FORMS

Semantics
Object
Subject
Questions
Definitions
Frequencies

KNOWLEDGE

RELATIONS

Meaning
Descriptive
Time
Place
Context

CONVERSATION

COMMUNICATION

Sentiment
Direction
Timing
Location



INTERPRETER

TRANSLATION

Automatic translation Dutch, English, German, Russian, Polish and Ukrainian

Language determination

Multi-layer language determination

Where the visitor works

The language the visitor uses in their conversation

Language he wants to use to interface and communicate



KNOWLEDGE MANAGER

ARTIFICIAL INTELLIGENCE

Semanta converts digital texts into meaning

Knowledge Base

- Semanta differentiates more than 300 knowledge-areas
- Ranging from Grammar to Sports and Emotions and Perception
- Semanta facilitates any classification and subclassification
- Based on subject, frequency, wordform etc
- Semanta recognizes patterns and their meaning



TEXT ANALYST

Origin of the text

Semanta manages the origin of the text
E-mail letter manual press release news item etc

Single Word form
Sentence(s)

Text Analysis
Grammar Tagging
Language Determination
Response Generation
Response Analysis

Text
Speech



DEPLOYMENT

ANY DIGITAL DOCUMENT CAN BE EQUIPED WITH A PUPIL OF SEMANTA

Numerous and flexible as language itself
Semanta may well change the way we build websites

Any organization has its virtual receptionist speaking the visitor's language
The website content can be revealed with a few simple questions
Every individual can use his or her language to communicate
Large volumes of texts can be tagged grammatically and semantically
Convert knowledge to questions
Each subject will have its own Intelligent helper
Chatbot Virtual Assistant Intelligent navigator
Desktop Laptop Pad Phone 099 . 099



BENEFITS

ANY DIGITAL DOCUMENT CAN BE EQUIPED WITH A PUPIL OF SEMANTA

COSTREDUCTION CHANGE MANAGEMENT

No need to build or maintain large websites

- Average website contains 1-2% unique information elements
- Per 200.000 lines of text may contain 25.000 unique combinations
- Language independent customer care
- Attracting and keep visitor's attention
- Webeditor's productivity increase



ROADMAP

Within 12 months all LINGVISTICA languages will be available

LANGUAGE PROCESSING

Visitor's profile interface and communication

- 0.0.0 Dutch
- 0.0.1 English
- 1.0.0 German, French, Italian, Spanish and Portuguese
 - 1.0.1 Other European languages
 - 1.0.2 Slavic and Baltic languages
- 2.0.0 Arabic, Turkish
- 3.0.0 Chinese, Japanese, Korean
 - 3.0.1 Indonesia and Malay



SEMANTA STACK

Firefox Internet Explorer Chrome
Website

Website's intelligent helper
Semanta functions

Linguistics Knowledge Conversations
ArabicSwedish

Wordlists Grammar Forms
Code Sets

MySql
PHP



SEMANTA

ALL LANGUAGES ALL KNOWLEDGE ALL TEXT
one architecture

Arabic | Chinese | Dutch(Flemish) | English | French | German |
Hebrew | Indonesian | Italian | Japanese | Korean | Pashto | Persian |
Polish | Portuguese (Brazil) | Russian | Spanish (Latin-America) |
Tagalog | Turkish | Ukrainian | Swedish | Norwegian | Serbian |
Chinese-Simple | Chinese Traditional | Malay | Hungarian | Swedish

Any domain any subject any meaning

Any sentence any page any website

THE INTERNET AS THE VIRTUAL TEACHER



SEMANTA

Pricing Structure

Website's intelligent helper 750 Euro
Semanta functions Backoffice Hourly rate
Linguistics Knowledge Conversations
ArabicSwedish 5.000-10.000 Euro
Wordlists Grammar Word Forms Included
Project management
Hourly rate 50 Euro
Margins new language 50 % off the shelf 75 %



Recent results

Overzicht Lingvistica B.V.	2008	2009	2010	2011
Omzet				
Omzet Vocab	13.050	16.100	3.500	40.000
Omzet Endecca	0	3.814	57.448	0
Omzet Ling98				8.126
Overige omzet	3.305	2.431	772	114
	16.355	22.345	61.720	48.240