

Lessons for the future of Semantic Desktops learnt from 10 years of experience with IDELIANCE ...



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- 1967- 1980: Soft Engineering (Compilers, OS, databases, VLSI)
- 1980 - 1993: Artificial Intelligence Research, Products, Services
- 1993 – 2005: IDELIANCE Semantic Networks (personal and collective)
- Since 1998: **Commercially available**

I use IDELIANCE as a semantic network manager as my PIMS

« True End Users » Use IDELIANCE on a daily basis:

-- L'OREAL

--AIR LIQUIDE

--MERCK

--Military Intelligence

Date - Nom de fichier - Entité

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Idéliance - k:\rohmer\save 26 mai partition k old\rohmer k\collections\coll intéressantes\fin concurrence arisem.col

Les Catégories de la collection fin concurrence arisem

- Entreprise
- Marché
- Pays
- Produit
- Salon
- Sujet

Adobe

- Adobe
- est classé dans
- Entreprise
- est partenaire de
- G.B. Concept
- Ixiasoft
- Sinequa
- ZyLab
- est un(e):
- entreprise

ixiasoft

- 0.25
- a pour offre
- TextML
- a pour partenaire
- Adobe
- Microsoft
- a pour marché
- CM
- EDMS
- IR
- est un(e):

Prix : 25 €

Entreprise

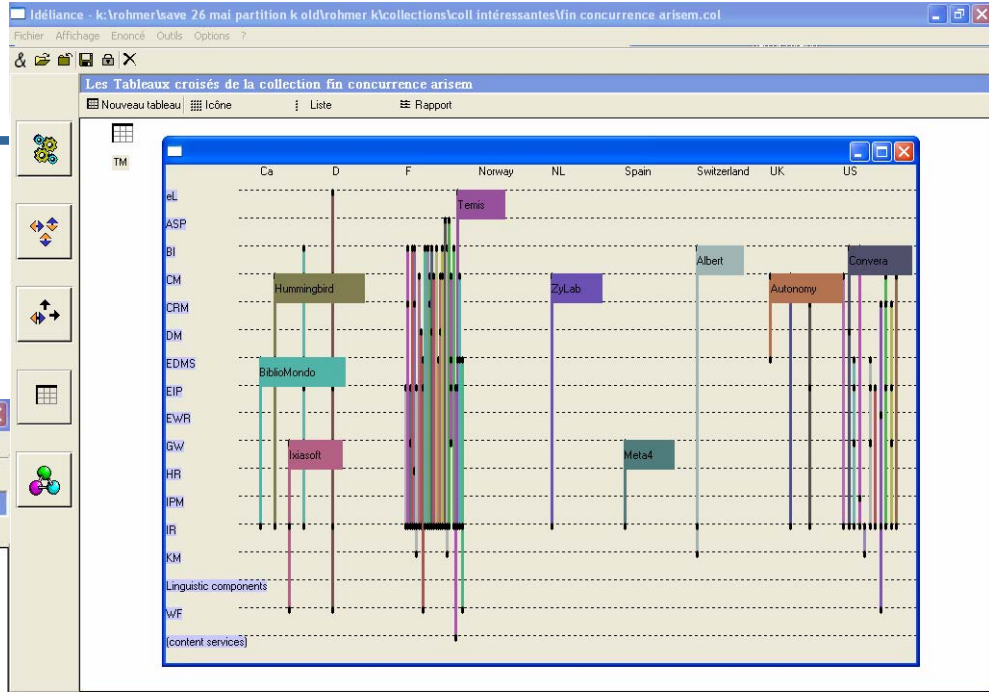
- Acamaya
- Acetic
- Adobe
- Albert
- Alis
- Alogic
- Amowebe
- Archimed
- Arcplan
- Arisem
- askOnce
- ATG
- Auracom
- Autonomy
- A3 Solutions
- BackWeb
- BEA
- BEA Conseil
- BI

Nb de Sujets : 116

Pays

| Sujet | Date de création | Modifié | Nombre d'Énoncés |
|-------|--------------------------|----------------------------------|------------------|
| Ca | Jeu di 16 Septembre 2004 | Vendredi 17 Septembre 2004 11:58 | 7 |
| D | Jeu di 16 Septembre 2004 | Jeu di 16 Septembre 2004 17:14 | 2 |
| F | Jeu di 16 Septembre 2004 | Vendredi 17 Septembre 2004 11:58 | 45 |

Nb de Sujets : 9



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TM

| | Ca | D | F | NL |
|------|--|-------------------------------|-------------------------------|---|
| ASP | | | | Synovia Auracom |
| BI | Hummingbird | | | Cybio Lingway Temis Digimind Alogic Kalma (Thales) Coelis eikya Amowebe Datops |
| CM | Ixiasoft Hummingbird | Hyperwave Information Mgmt | | Xerox (Documentum) Goto Software Noheto Acetic eikya Acamaya G.B. Concept |
| CRM | | | | Cybio Temis Goto Software |
| DM | | | | GimmerSoft Kalma (Thales) Acetic |
| EDMS | BiblioMondo Ixiasoft Hummingbird | | | Cadic Xylene Acamaya Archimed G.B. Concept Siatel |
| | | | Hyperwave Information Mgmt | Arisem Exalead |

SIMPLICITY, SIMPLICITY, SIMPLICITY:

Subjects, verbs (and reverse), objects + Categories

EMERGENCE, EMERGENCE, EMERGENCE

Nothing is known by advance (etymology: *pro grammed*)

(the OPPOSITE of Software Engineering)

NO MODELS, NO PROGRAMS, NO FORMATS !:

INFORMATION IS THE SYSTEM

INFORMATION IS THE APPLICATION

**USERS WRITE, READ, NAVIGATE, QUERY, INFER, CLUSTER,
SHARE, DISCOVER by directly USING THE SN**

BAD NEWS: 1% OF USERS ARE INSTANT ENTHOUSIASTS

GOOD NEWS: 100% OF USERS BECOME ADDICT

BAN ANY SCIENTIFIC VOCABULARY:

From « ENTITY » to « ONTOLOGY »

MAIN COMPETITORS ARE « EXCEL » and « DOCUMENT »

BE A DOCUMENT KILLER!

***NOT* A ONE-CLICK SOFTWARE**

BUT A CONCIOUS EFFORT AND DISCIPLINE FROM USERS

AS A SUBSTITUTE TO SOFTWARE ENGINEERING:

TRAIN, EDUCATE, SHOW ROI



WEB SUCCESS: by and for **people**, with **little** personal effort

SEM WEB WEAKNESS: by and for **machines**, just like
Software Engineering

SEMANTIC DESKTOP: by and for **people**, but with **important**
personal effort

Software Engineering and formal logic
may kill SD as they killed Applied Artificial Intelligence

Instead, SD and AAI, with Social Science and Cognitive Science
should bring Software Engineering and Formal Logic
to joint exciting achievements

In Thales: several ongoing internal and customer projects merging in a tightly coupled way:

Text mining, sense extraction, clustering, discovery with semantic networks

We would like to cooperate with the SD community :

- definition of a ***low level efficient virtual machine for SD*** implementation (software engineering at its right place😊)
- launch projects focussed on ***Social, Cognitive and Education Sciences*** to increase the acceptance of SD