



Open the door to the Digital Single Market

LT-Innovate Summit 2013

Eric Brégand

Chief Executive Officer

Brussels June 27th, 2013



It's all about languages, isn't it?

Who is TEMIS?

TEMIS

A pioneer in Content Enrichment since 2000



Content Enrichment



2009 KMWorld Trend-Setting PRODUCT OF 2009

2010 KMWorld Trend-Setting PRODUCT OF 2010

2010 SIIA //CODiE// WINNER

2011 SIIA CODIE FINALIST //CODiE//

2012 WINNER LT-Innovate AWARD 2012

2013 SIIA CODIE WINNER //CODiE//

Broad use of Luxid® in Publishing resulting in many diverse languages to work on



THOMSON REUTERS

WILEY



Springer



DE GRUYTER



Thieme



HighWire
Stanford University

HC Pro

IOP
Institute of Physics



Bloomberg
BNA



KARNOV
GROUP

Juris

The McGraw-Hill Companies

McGraw Hill
CONSTRUCTION



AVIATION WEEK

platts

SIMON & SCHUSTER

SAE International



Erdee Media Groep



Trinity Mirror

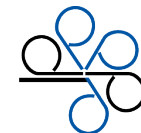


USA
TODAY
A GANNETT COMPANY

CONDÉ NAST



astral

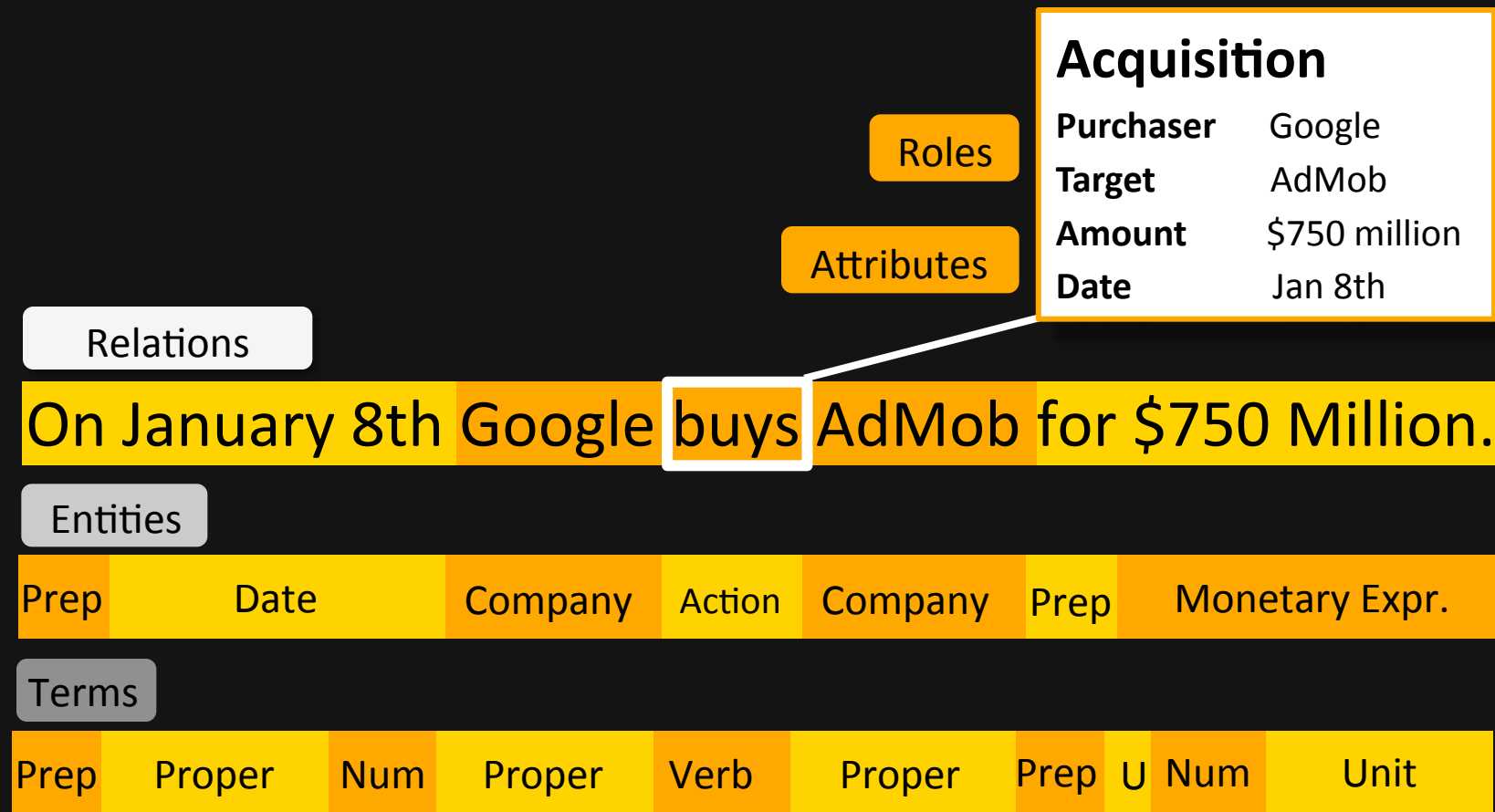


publishers
press

What's our
value proposition
?

What is Semantic Content Enrichment?

The automated extraction of domain metadata



On January 8th Google buys AdMob for \$750 Million.

What Is Semantic Content Enrichment?

Document annotation

HTC Strikes Back Against Apple – Wall Street Journal - **NIRAJ SHETH**
May 13th 2010 - HTC Corp., the maker of several phones that run on **Google** Inc.'s Android platform, **filed a complaint against Apple Inc. alleging patent infringement**, a move that follows an intellectual-property suit that the iPhone maker filed against HTC two months ago.

HTC's complaint with the **US International Trade Commission** alleges that Apple has violated five patents held by the Taiwan-based electronics manufacturer and asks the trade court to stop Apple from selling the **iPhone**, the **iPad** and **iPod** in the U.S.

Apple in March **filed complaints with the ITC** and in a federal court in Delaware, outlining a total of 20 patents related to touch-screen technology and mobile computing that it alleges HTC infringed. In its filing, HTC cites patents related to power consumption in smartphones and how cellphones dial contacts from an address book. Some of the patents cited by Apple in its suit also relate to **power usage** but it wasn't immediately clear how similar those claims are to HTC's.

"We are taking this action against Apple to protect our intellectual property, our industry partners, and most importantly our customers that use HTC phones, **HTC's North American vice president Jason Mackenzie** said in a written statement.

In another sign of the growing legal pressure on Google and its Android partners, **HTC recently announced a licensing deal with Microsoft Corp** which said it believes that HTC's Android phones infringes on a range of Microsoft patents including **user interfaces**

The share of Android-based smartphones in the U.S. grew to 28% in the first quarter, according to research firm **NPD**, for the first time edging out the iPhone's 21% share.

Companies

HTC

Apple

Google

Microsoft Corp.

NPD

Organizations

US International Trade Commission

People

Niraj Sheth

Jason Mackenzie

Products

iPhone

iPad

iPod

Technologies

Android

smartphones

power usage

user interfaces

Relationships

Court Case

HR

Licensing

Market Share

What Is Semantic Content Enrichment?

Knowledge insertion

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Apple



Type	Public NASDAQ: AAPL LSE: 0HDZ FWB: APC
Industry	Computer hardware Computer software Consumer electronics Digital distribution
Predecessor	Apple Computer, Inc. (January 9, 2007)
Founded	Cupertino, California (April 1, 1975)
Founder(s)	Steve Jobs Steve Wozniak Ronald Wayne
Headquarters	1 Infinite Loop, Cupertino, California, United States
Number of locations	284 (January 2010)
Area served	Worldwide
Key people	Steve Jobs (Chairman & CEO) Tim Cook (COO) Peter Oppenheimer (CFO) Jonathan Ive (Industrial Design)

RAJ SHETH

that run on Google Inc.'s Android platform, filed a patent infringement lawsuit a move that

er filed against HTC two months ago.

Commission alleges that Apple has sued HTC manufacturer and asks the court to stop HTC from selling the iPad and iPod in the U.S.

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Intellectual property, our industry HTC phones, HTC's North American vice president, Jason Mackenzie, said in a written statement.

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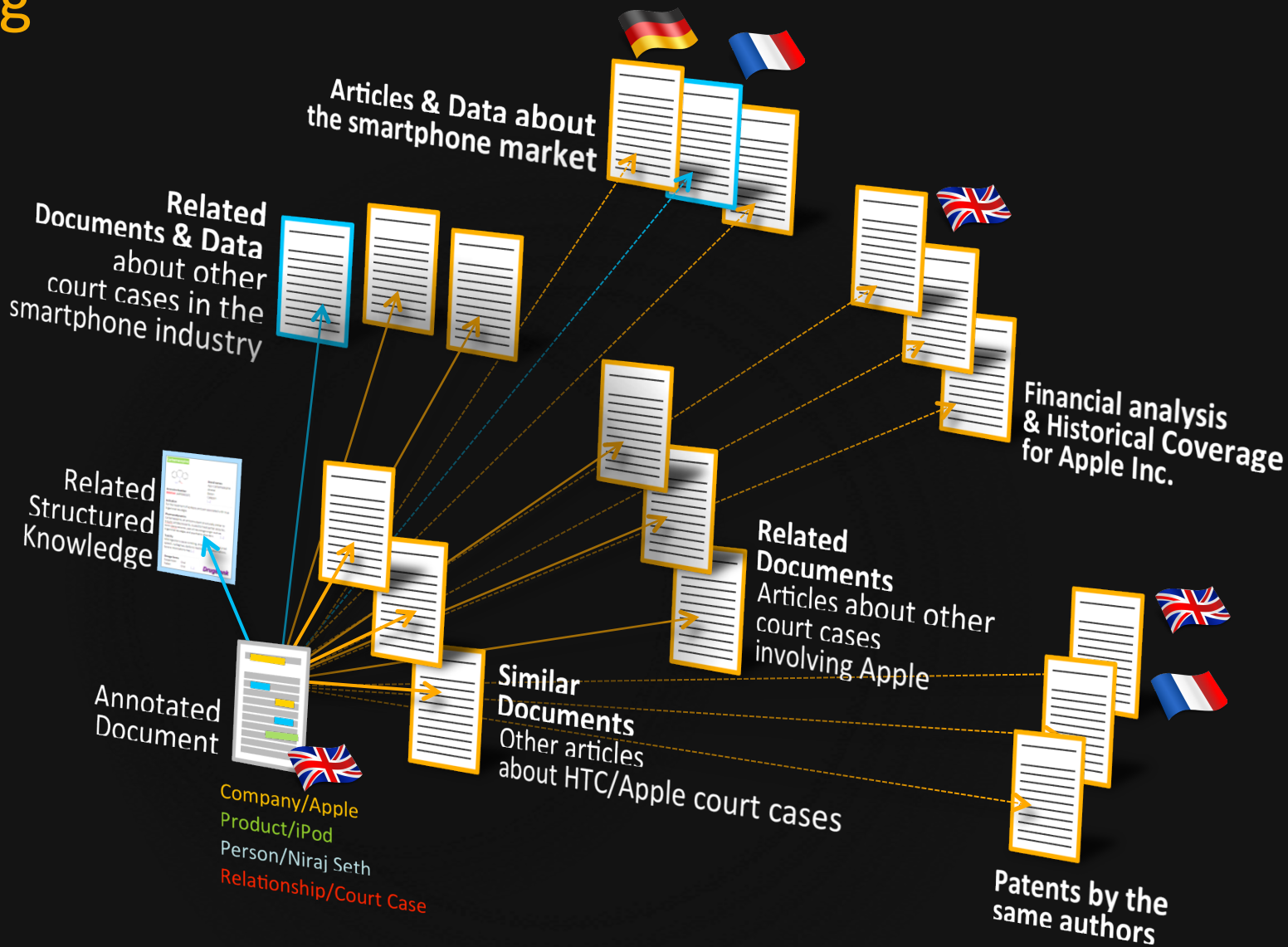
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What Is Semantic Content Enrichment?

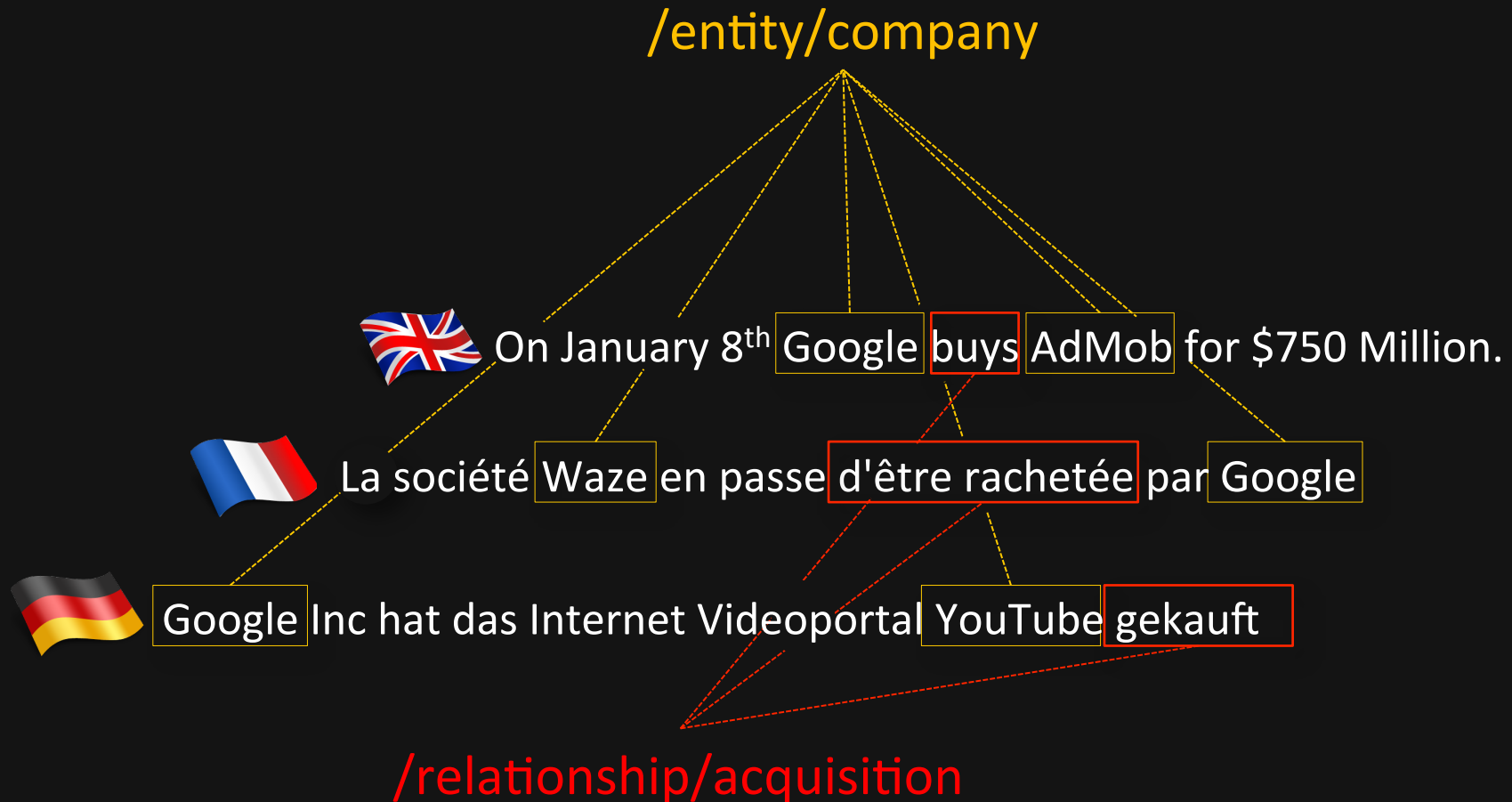
Linking



Our contribution
to
the multi-lingual
challenge

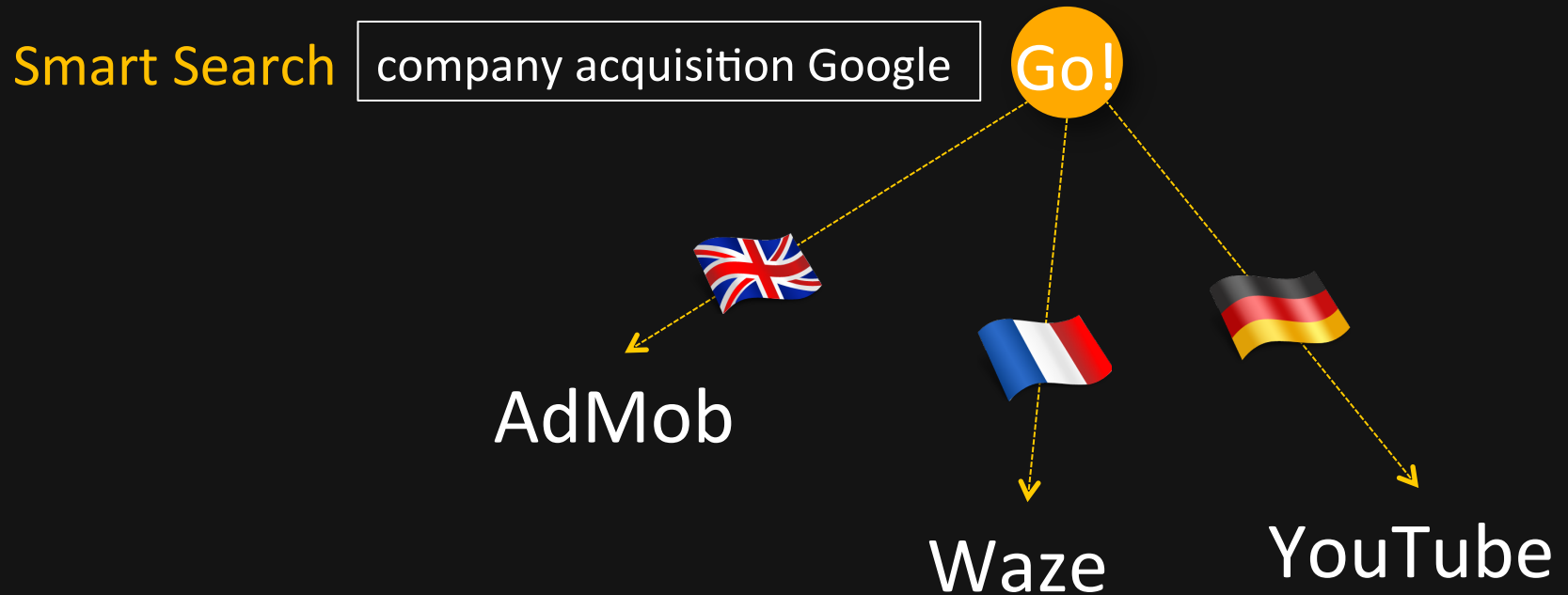
Benefits of Semantic Content Enrichment

1. A multi-lingual information access



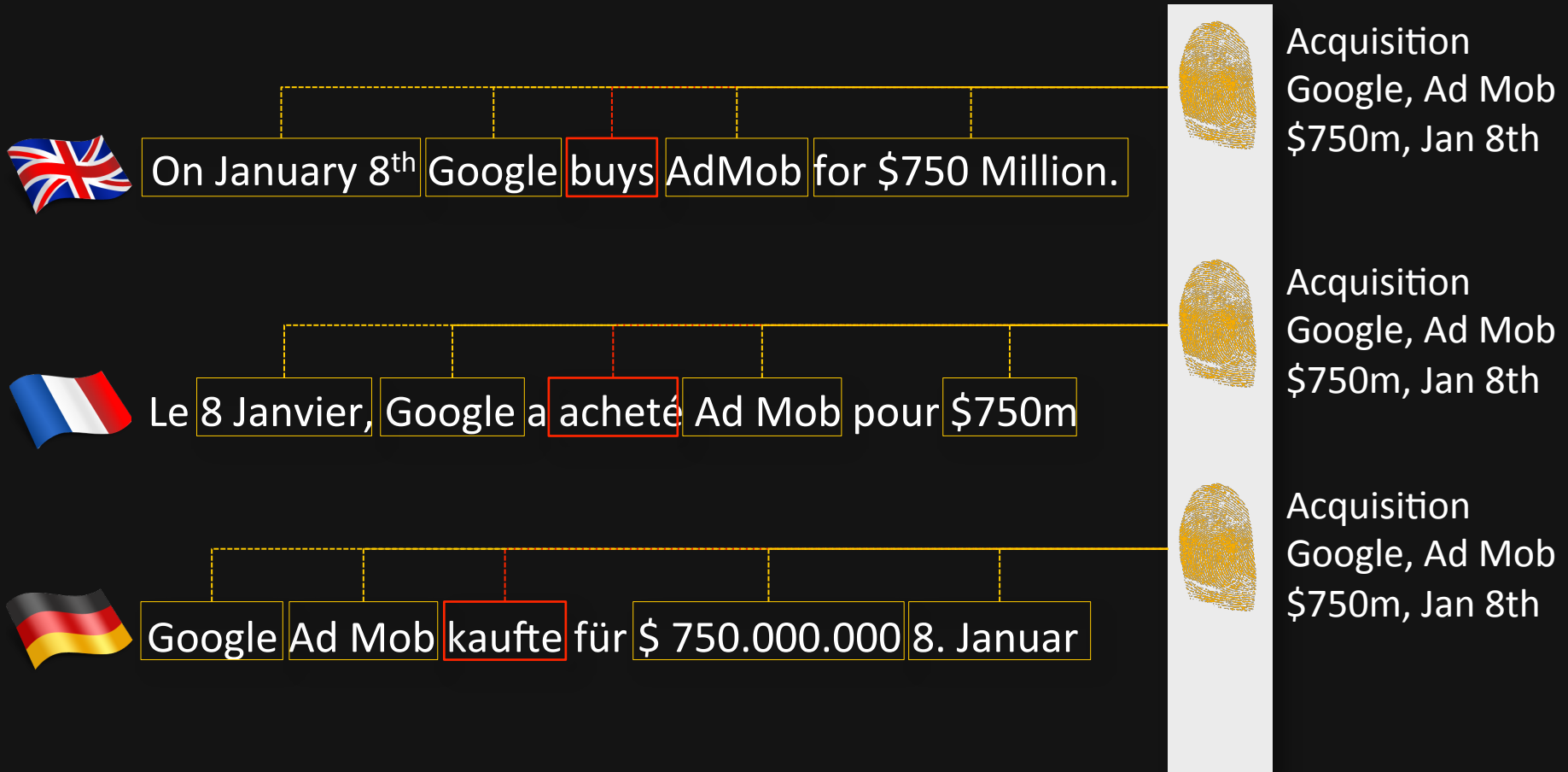
Benefits of Semantic Content Enrichment

1. A multi-lingual information access



Benefits of Semantic Content Enrichment

2. A multi-lingual information representation



Similar fingerprint



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Benefits of Semantic Content Enrichment

2. A multi-lingual information representation

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Home

Trains run like, and on, the wind






Tue, 09/13/2011 - 10:00 — admin

Trains run like, and on, the wind

It will not be easy to run a national railroad on **renewable energy** like wind, hydro and solar power,...

Green **ERIK KIRSCHBAUM BERLIN** It will not be easy to run a national railroad on **renewable energy** like wind, hydro and solar power, but that is what Deutsche Bahn of **Germany** aims to do, for one simple reason: It is what consumers want. Deutsche Bahn says it wants to raise the percentage of wind, hydro and **solar energy** used in powering its trains from 20 percent now to 28 percent in 2014 and to become carbon-free by 2050 — targets that exceed the **German government's** already ambitious national goals. "Consumers in **Germany** have made it clear they want us all to get away from nuclear **energy and to more renewable energy**," said **Hans-Jürgen Witschke**, chief executive of Deutsche Bahn Energie, which supplies electricity for trains in **Germany**. "It's what customers want, and we're making it happen," Mr. Witschke said during an interview. "The demand for green **electricity** keeps rising each year, and that'll continue." Prevailing attitudes in **Germany** were already decidedly green before the accident at the **Fukushima** Daiichi nuclear complex in **Japan**, set off by the earthquake and tsunami on March 11. After the nuclear crisis in **Japan**, the **Berlin government** abruptly reversed course on nuclear power, shutting eight nuclear plants and vowing to close the other **nine** by 2022. That caught Deutsche Bahn — and German industry — off guard. The state-owned railroad had relied heavily on nuclear energy. But now the public and industry are increasingly attuned to sustainability and to what companies are doing, **Mr. Witschke** said. "Environmental protection has become an important issue in the marketplace and especially in the transport sector," he said. "Even though more renewables will cost a bit more, that can be contained with an intelligent energy mix and reasonable time frame. We're confident that cutting CO2 emissions will give us a competitive advantage." Local rail operations in towns and cities. Some of those operations, like local rail systems in Hamburg and **Saarland**, already run on 100 percent **renewable energy** and boast about that in advertising. To run its trains, the railroad uses a staggering amount of **electricity** every year: 12 terawatt-hours. That is as much as **Berlin**, with its 3.2 million residents, consumes. The railroad alone uses 2 percent of **Germany's** total **electricity**. A single high-speed train traveling from **Frankfurt** to **Berlin** uses as much as 4,800 kilowatt-hours, enough for a four-person family for a full year. **Germany** is already a world leader in **renewable energy**. About 17 percent comes from renewables, up from 6 percent in 2000. The **German government** aims to raise that share to 35 percent by 2020 and 80 percent by 2050. **Mr. Witschke** of Deutsche Bahn Energie said the national railroad would have 35 percent or 40 percent by 2020 and 100 percent by midcentury. "We've got a vision of being carbonfree by 2050," he said. "That's not just a There are still concerns about the reliability of renewables as their share rises toward 100 percent and before more storage capacity is available. What happens when there is no wind or sunshine? Some transportation industry analysts are skeptical. "It sounds like a bit of 'greenwashing,'" said **Stefan Kick**, an analyst at **Silvia Quandt Research**, a Frankfurt brokerage firm. "Obviously, **costs for renewable energy** are going to be higher. Yet if customers are truly willing to pay, it could make sense." The railroad's new push for a larger share of **renewable energy** to operate trains that transport 1.9 billion passengers and **415 million tons** of freight each year has won applause from environmental groups. They have cheered Deutsche Bahn's partnerships with **wind and hydroelectric power** suppliers and its exploratory moves into harvesting solar power from the roofs of its 5,700 stations. Photovoltaic panels in the spectacular glass roof of the Hauptbahnhof, the main station in **Berlin**, produce 160,000 kilowatt-hours of **electricity** a year — about 2 percent of the station's needs. Previously, environmentalists had accused the company of neglecting to develop renewables on its properties because of its heavy reliance on nuclear power. **Peter Ahmels**, a **renewable energy** specialist at the **German Environmental Aid Association**, said the railroad could have done more with wind and solar on its property holdings. Instead, he said Deutsche Bahn had relied complacently on its image as a low-emission mode of transport. Even high-speed trains, which zip across the country at as much as **300 kilometers**, or **185 miles**, per hour, have carbon emissions of **46 grams** per passenger per kilometer, or **about 2.6 ounces** per passenger per mile, ...

Related documents

-  Wir wollen den Atomausstieg
-  Les energies renouvelables a la conquete des reseaux mobiles
-  China set to challenge global wind industry
-  Waste problem for green cars: What to do with the batteries
-  Die Rechnung kommt noch

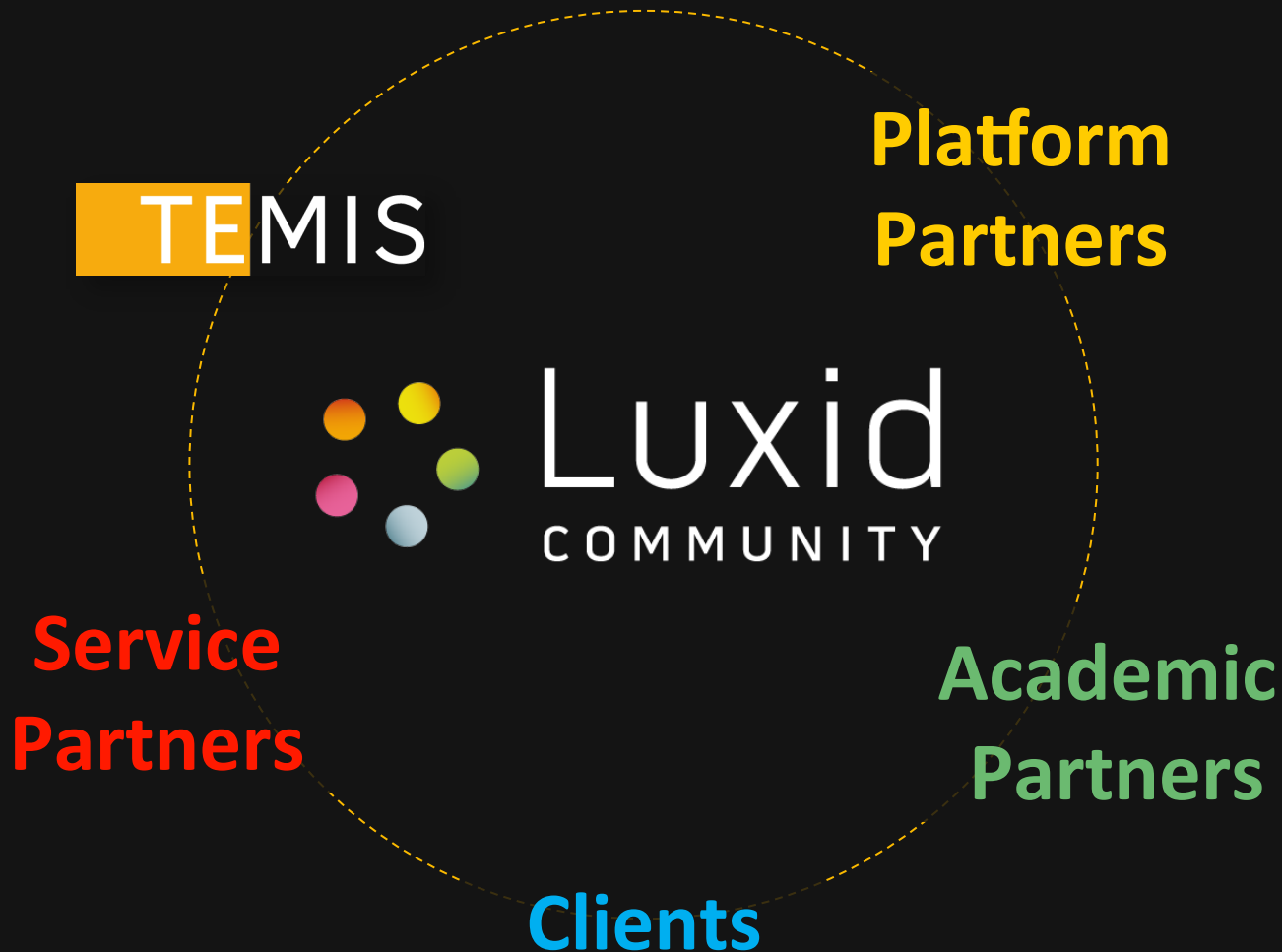
Hide highlight

The success
factor?

Emergence of
eco-system to
ensure data
interoperability

The first collaborative semantics platform

Our goal : to create synergies in our *ecosystem*



The first community platform for semantics!

This is the first place in the semantic world where you can meet your industry peers, exchange and co-develop semantic information extraction components and make your projects happen faster than ever before! Professional publishers, public sector organizations and commercial enterprises everywhere are adopting semantics to structure their unstructured information assets and make them easier to manage, package, distribute and exploit.

**Do you want to leverage your Big Data? Are you fighting information overload?
Do you want to efficiently package your content to engage your audience?
You've come to the right place.**

NOT A MEMBER YET?



Meet



Find users with similar use cases and browse the list of partners to find who's best suited to help you

Discuss



Find out how others are using the Luxid® platform and share your own experience

Learn



Search through the knowledge base, watch videos and learn how to best leverage Temis products

Improve



Get involved in the Temis product lifecycle by suggesting or voting for new features

Marketplace



Contribute information extraction components to the community, you can also test and order those contributed by others!

Download



Access all TEMIS resources and download official documents as well as community products




Enter your search here





Marketplace

33 entries found

Category

-  Skill cartridge (31)
-  Taxonomy (1)
-  Script (1)

Sector

-  Bio / Medical (8)
-  News / Media (6)
-  Chemistry (4)
-  Legal (3)
-  Agronomics (2)
-  Social sciences (2)
-  Security (2)
-  Document management (1)
- Generic (9)

Language

- English (24)
- French (11)

Acronyms Skill Cartridge@

TEMIS



Generic Skill Cartridge@ that identifies acronyms and their expanded forms in text. Based on simple heuristic patterns, this provides a fast and light-weight addition to terminology identification tasks.

LANGUAGE(S): FR , EN , DE

BUSINESS MODEL: Project

[Learn More](#)

Affiliation Skill Cartridge@

TEMIS



Extracts and normalizes Organization names (e.g. Academia, Hospitals, Medical centers, Institutes, Companies,...) and Locations in the Affiliation text zone of scientific literature (Pubmed, Embase, Scopus).

LANGUAGE(S): FR , EN , DE , ES , IT , PT

BUSINESS MODEL: Project

[Learn More](#)

Agricultural Organisms Entities & Relationships Cartridge@

INRA



Extracts 11 key types of agricultural organisms entities and 1 relationship binding them, including Attack of plants by pests.

LANGUAGE(S): FR , EN

BUSINESS MODEL: Community

[Learn More](#)

TEMA@ English Skill Cartridge@

WTI



Extracts technology, engineering and management topics in text. Based on the corresponding TEMA@ thesaurus from WTI and powered by TEMIS' STF technology.

RH Skill Cartridge@

Aerial



HR cartridge allows to extract the relevant information for recruiters in HR data, type resume or job offer. The goal is to quickly view, experience, training, expertise or know-being profile.

WAND Finance and Investment Taxonomy

WAND



Taxonomy of key Finance and Investment topics, covering 1500+ topics and 1000+synonyms related to asset types, financial intermediaries, financial crimes, regulations, benchmarks, analysis tools, and markets and exchanges.



Lucid[®] Community & LT-Innovate

What can LT-Innovate do to help?

- ❖ Lucid[®] is an open platform
- ❖ Lucid[®] Community is an open initiative
 - Any one can contribute
- ❖ Platform partner program in place
 - Free access to the tools (annotation platform & studio)
 - Ability to promote services
 - Ability to sell products (CC-By framework)
- ❖ Contribution from LT-Innovate?
 - Join the community to use and evaluate existing resources
 - Enrich resource portfolio - post industry oriented thesaurus
 - Contribute to Semantics - build and share Skill Cartridges[™]

Summary

Open the door to the Digital Single Market

❖ NLP is the key

- Provides a language independent knowledge representation
- **Skill Cartridges™ as the foundations**

❖ Unlock seamless & multi-lingual search & navigation

- Local data (customer interactions, social media, ...)
- Global data (technical & scientific knowledge, ...)

❖ Unlock data interoperability

- Collaboration between industry & data owner is required
- **Luxid® Community as an enabler/accelerator**



