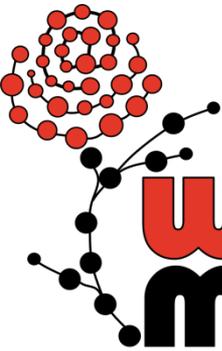


web sémantique et social : nouvelles pratiques de recherche et circulation des savoirs sur le web 3.0



fabien gandon, responsable équipe Wimmics, représentant inria au W3C





wim
micS

research team

1992 Rose Dieng, Corporate Memories, conceptual graphs ontologies

1998 XML, Graphs and knowledge web servers

1999 RDF/S + a query language, Corese v1

2002 Multi-agent systems and corporate semantic web

2005 KmP: semantic web social platform for partnership

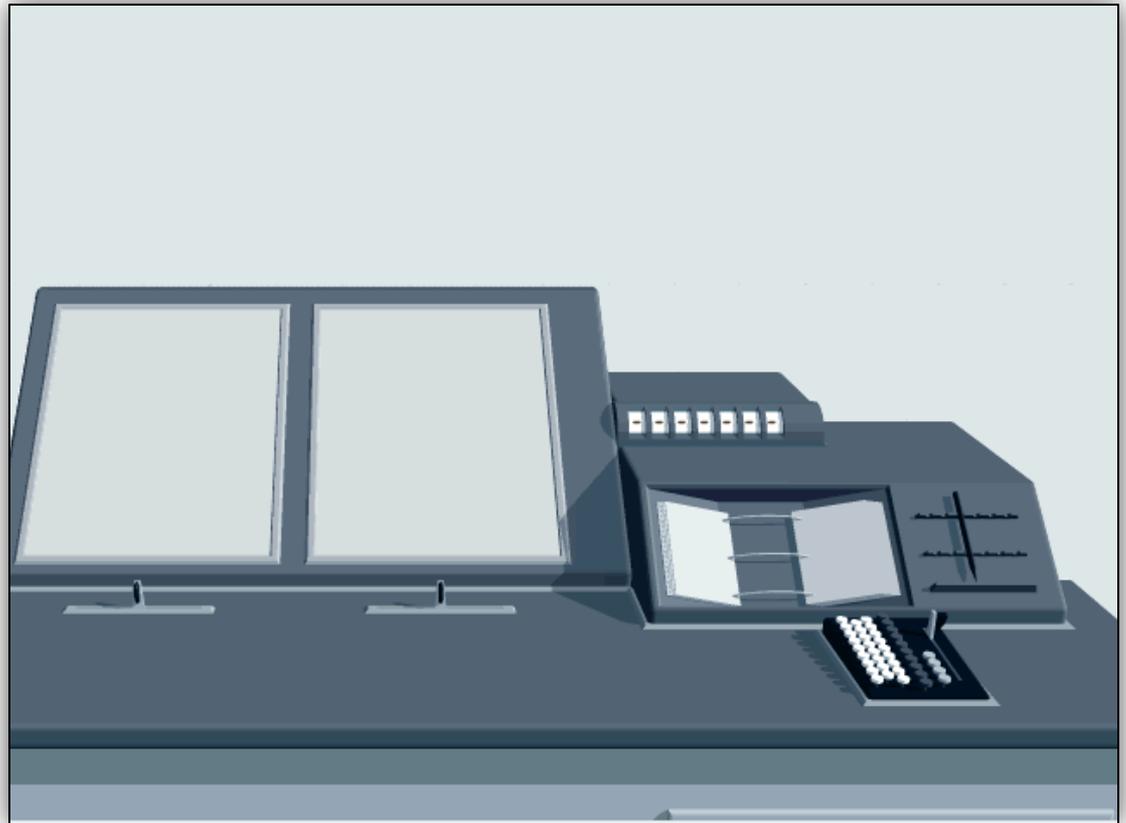
2006 SweetWiki Semantic Wiki

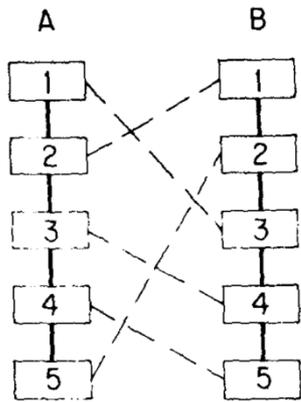
2008 Social networks, Folksonomies & Semantic web

2010 Corese v2 becomes KGRAM, Gephi Plug-In, ISICIL, Datalift, Kolflow

liens d'association [Vannevar Bush, 1945]

du mémex entre les informations qui nous importent





LINKED LISTS

A	B
1	3
2	1
3	4
4	5
5	2

LINK TABLE

FIGURE 1—Zippered lists: 1-for-1 links between entries are invariant under list permutation.

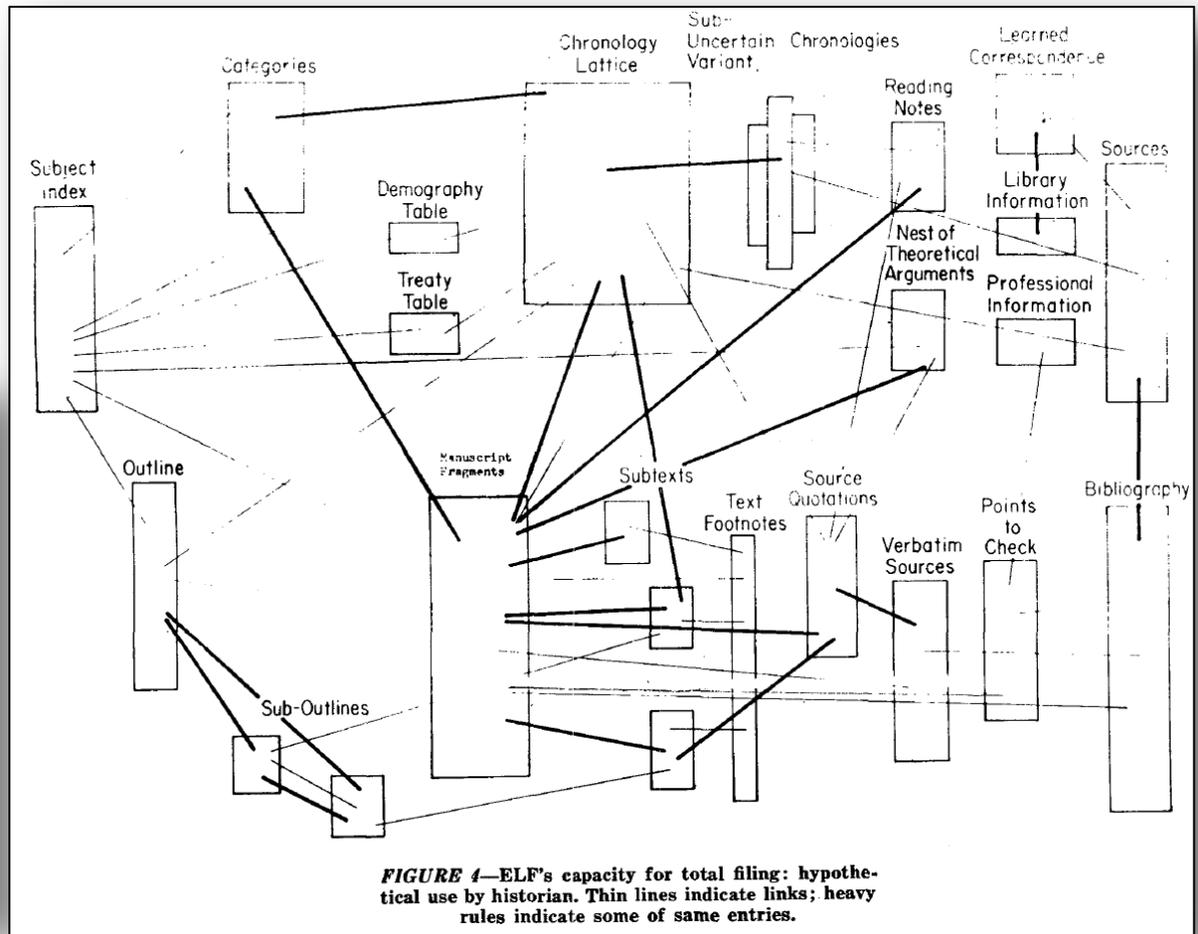


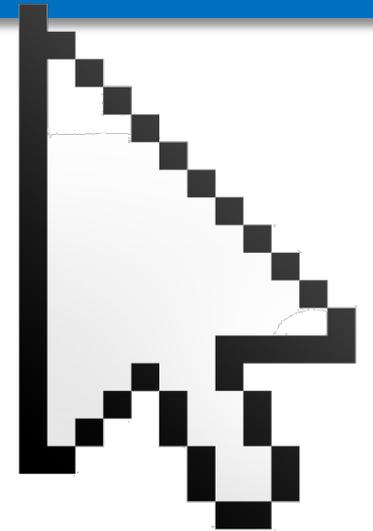
FIGURE 4—ELF's capacity for total filing: hypothetical use by historian. Thin lines indicate links; heavy rules indicate some of same entries.

hypertexte, hypermédia

[Ted Nelson, 1965]

une structure de fichier pour l'information
 complexe, changeante et indéterminée

http://www.

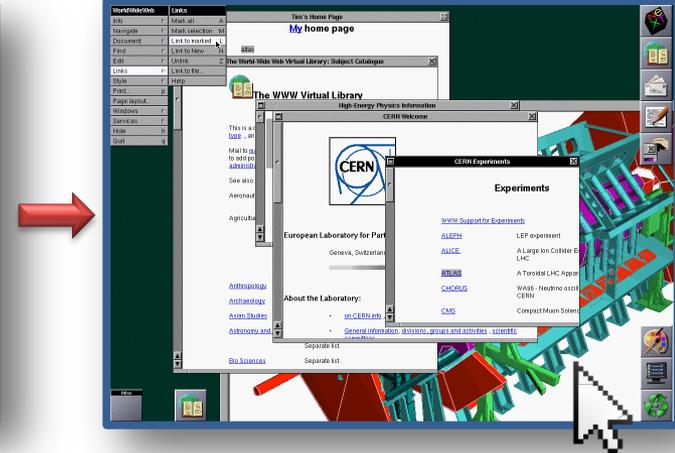
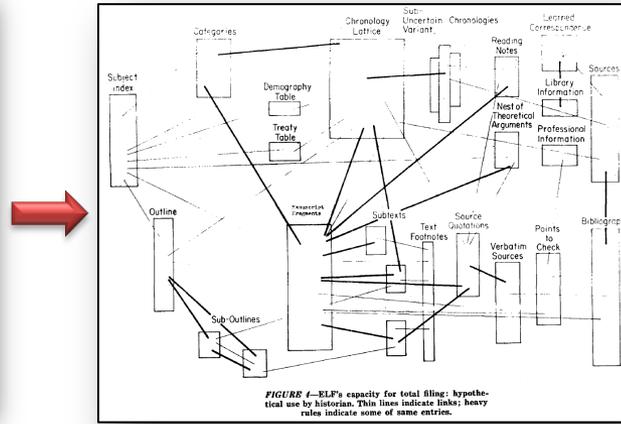
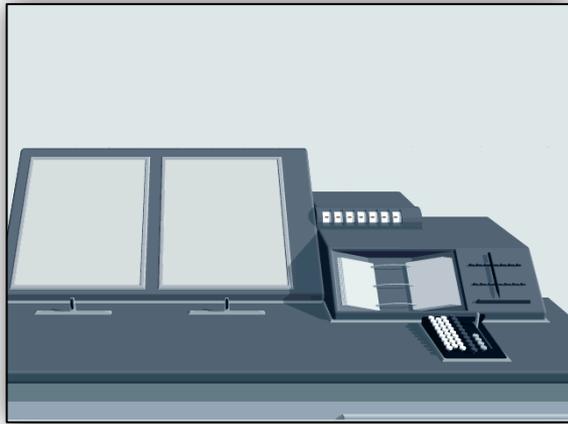


liens utilisant des références
à travers le réseau

[Tim Berners-Lee, 1989]

hyper-documentaire

de l'article scientifique à l'hyper-article multi-public



plus vieille facette, mais encore sous exploitée

donnez des URL aux contenus

une URL est un nom, sans URL pas de nom,
sans nom je ne peux pas en parler

- référence
- granularité
- vues

The screenshot shows the Inria website interface. At the top, the Inria logo is displayed with the tagline 'INVENTEURS DU MONDE NUMÉRIQUE'. Navigation links for 'Scientifiques' and 'Entreprises' are visible. A search bar is present with the text 'Rechercher sur le site'. The main header features the title 'Centre de recherche Inria Sophia Antipolis - Méditerranée' and a navigation menu with 'Présentation', 'Actualités', 'Recherche', and 'Innovation'. A breadcrumb trail reads 'Accueil > Centre > Sophia > Présentation > Comment venir ?'. The main content area is titled 'Informations pratiques' and 'Comment venir au centre de recherche Inria Sophia Antipolis - Méditerranée ?'. It includes a photograph of the building and a text block stating: 'La majorité des équipes de recherche de notre centre sont localisées à Sophia Antipolis dans les Alpes-Maritimes, à 8 km d'Antibes, à 12 km de Cannes et à 28 km de Nice. Cinq équipes sont implantées à Montpellier et une à Marseille. L'équipe FOCUS est hébergée par le département d'informatique de l'université de Bologne en Italie.' Below this, there are several expandable sections: 'En voiture', 'En train', 'En transports en commun', 'En co-voiturage', and 'Localisation'. A 'Partager' section offers social media sharing options. A 'Télécharger' section provides a PDF link: 'Plan d'accès à Sophia Antipolis (pdf, 103 Ko)'. The 'Autres implantations' section lists locations: 'MONTPELLIER' (LIRMM, CIRAD, MISTEA) and 'MARSEILLE' (IUSTI).



nouvelles formes de rédaction...

- systématiquement enrichir de liens
 - identifier des cibles internes et externes
 - identifier les *persona* de notre public
 - permettre des parcours multimédias idoines
- « rédiger un hyper-document, c'est hyper long...
c'est même jamais vraiment fini. »



vers un web
structuré

CSS Zen Garden

169-172

The Road to Enlightenment

Select a Design:

- Retro Theater by Eric Rogé
- Lily Pond by Rose Thorogood

...ay the past relics of browser-specific tags, incompatible

zen garden
the beauty of css design

a demonstration of what can be accomplished visually through css-based design. select any style sheet from the list to load it into this page.
download the sample html file and css file

css Zen Garden The Beauty of CSS Design

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.
Download the sample html file and css file

Select a Design:

The Road to Enlightenment

Lettering a dark and dreary road by the past relics of browser-specific tags, incompatible DOMs, and broken CSS support.

Today, we must clear the mind of past practices. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, W3SP and the major browser creators.



the beauty of css design

css zen garden

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.

Download the sample html file and css file



CSS-ZEN-GARDEN THE BEAUTY OF CSS DESIGN

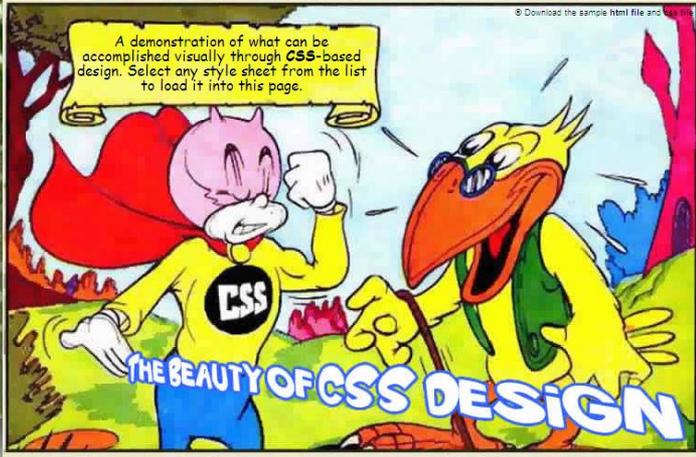
A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.
Download the sample html file and css file

THE ROAD TO ENLIGHTENMENT

Lettering a dark and dreary road by the past relics of browser-specific tags, incompatible DOMs, and broken CSS support.

Today, we must clear the mind of past practices. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, W3SP and the major browser creators.

The css Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the [x]t to [b]l time-honored techniques in new and invigorating fashion. Become one with the web.



A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.

- SELECT A DESIGN
- Sublime Drip
- Pixelated Canvas
- Contaminated
- Re London
- By The Fire
- The Unlabeled
- Crucial
- Sublimation
- Warm
- Activate by Name
- Urban by Name
- Wash
- Paranoia by Name
- ARCHIVE



THE ROAD TO ENLIGHTENMENT

Littering a dark and dreary road by the past relics of browser-specific tags, incompatible DOMs, and broken CSS support.

THE ROAD TO ENLIGHTENMENT

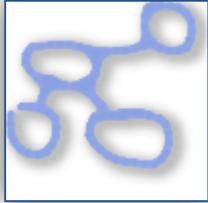
Today, we must clear the mind of past practices. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, W3SP and the major browser creators.

BONG!

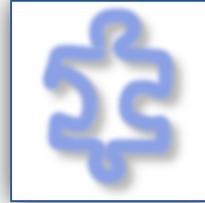
séparer forme et contenu

2008 *xml* 10

XML a eu dix ans <balise>...</balise>



**structurer
des données**



**construction
modulaire**



**en utilisant
des balises**



**une famille de
langages**



**dans un format
textuel**



**un format ouvert
non propriétaire**

+ Xpath, Xpointer, Xlink, Schema, , Xquery, XSLT, Xproc

**Scalable Vector
Graphics (SVG)**

**eXtensible Access Control
Markup Language (XACML)**

WSDL

**OpenOffice
Schemas**



MusicML

**XML Topic
Maps (XTM)**

Laser Tag

**GPS Exchange
format (GPX)**

**Chemical Markup
Language (CML)**

**Financial
products Markup
Language (FpML)**

Synchronized

XHTML

**Multimedia Integration
Language (SMIL)**

NewsML

MathML

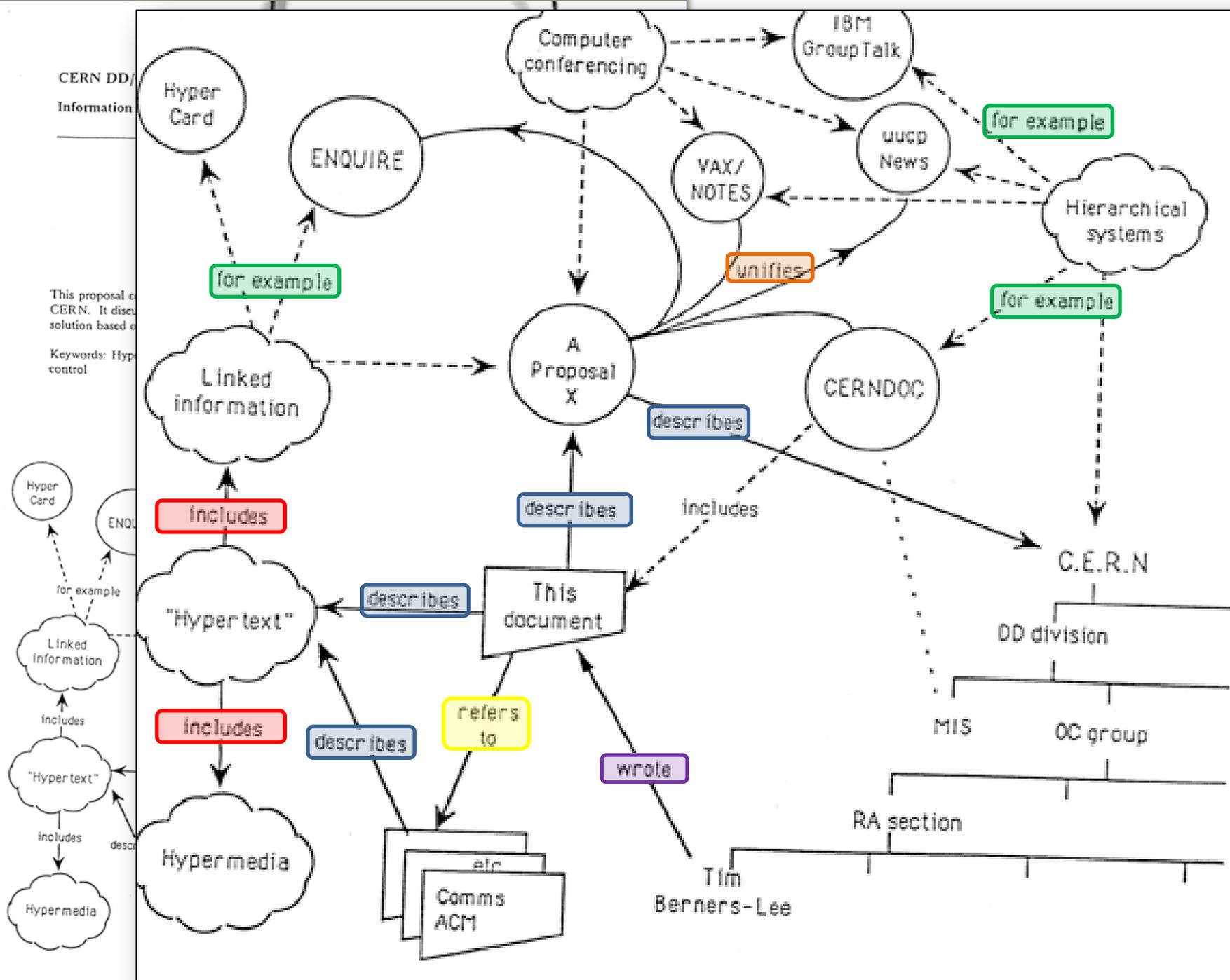
**famille
de langages**

SENS [sãs] n.m. (lat. *sensus*). 1. Fonction par laquelle le système nerveux perçoit consciemment et analyse des objets ou des phénomènes extérieurs ; sensibilité. \diamond *Les cinq sens* : la vue, l'ouïe, l'odorat, le toucher, le goût. 2. Connaissance immédiate et intuitive ; don, instinct. *Avoir le sens des affaires*. \diamond *Sixième sens* : intuition. 3. Manière de comprendre, de juger ; opinion. *J'abonde dans votre sens*. \diamond *Le bon sens, le sens commun* : capacité de distinguer le vrai du faux, d'agir raisonnablement ; ensemble des opinions dominantes dans une société donnée. — *Tomber sous le sens* : être évident. 4. Raison d'être de qqch ; ce qui justifie et explique qqch ; signification. *Donner un sens à son action*. 5. Ensemble des représentations que suggère un mot, un énoncé ; signification. 6. Direction, orientation dans laquelle se fait un mouvement. *Aller en sens contraire*. — Direction de la circulation sur les voies routières. *Voie à sens unique*. *Sens giratoire*. \diamond *Sens dessus dessous* : de façon que ce qui devait être dessus ou en haut se trouve dessous ou en bas ; dans un grand désordre, un grand trouble. *Retrouver sa maison sens dessus dessous*. — *Sens devant derrière* : de telle sorte que ce qui devait être devant se trouve derrière. (Dans ces deux locutions, *sens* se prononce [sâ].) 7. a. *Sens direct, contrahoraire, trigonométrique* ou *positif* : sens de rotation fixé conventionnellement comme étant le sens contraire du mouvement des aiguilles d'une montre. CONTR. : *sens rétrograde, sens horaire*. b. *Sens rétrograde* ou *horaire* : sens de rotation fixé conventionnellement comme étant celui des aiguilles d'une montre. 8. *Bipoints (A, B) et (C, D) de même sens* : bipoints dont les supports (AB) et (CD) sont parallèles et tels que ABCD est un quadrilatère convexe. 9. Côté d'un corps, d'une chose. *Couper un objet dans le sens de la longueur*. \diamond pl. Ensemble des fonctions de la vie organique qui procurent les plaisirs physiques, spécial. sexuels ; sensualité. *L'ivresse des sens*. *Troubler les sens*.

vers un web
sémantique

CERN DD/
Information

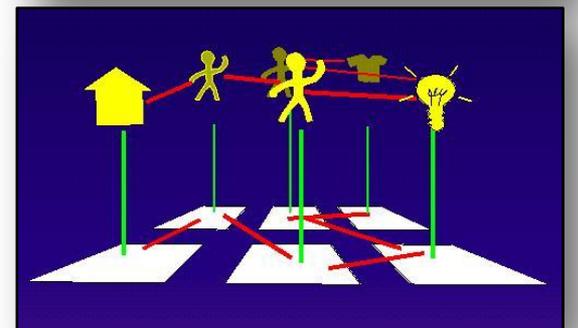
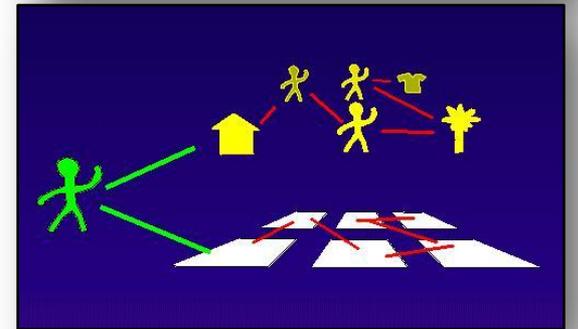
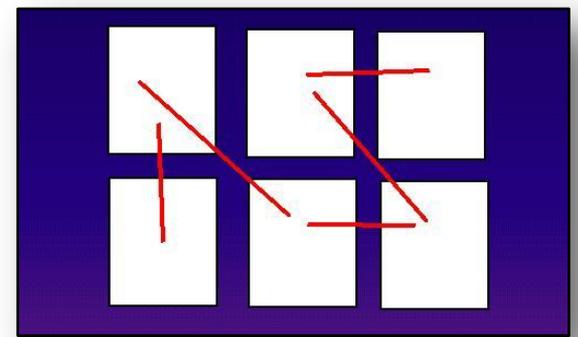
This proposal of
CERN. It disc
solution based o
Keywords: Hyp
control



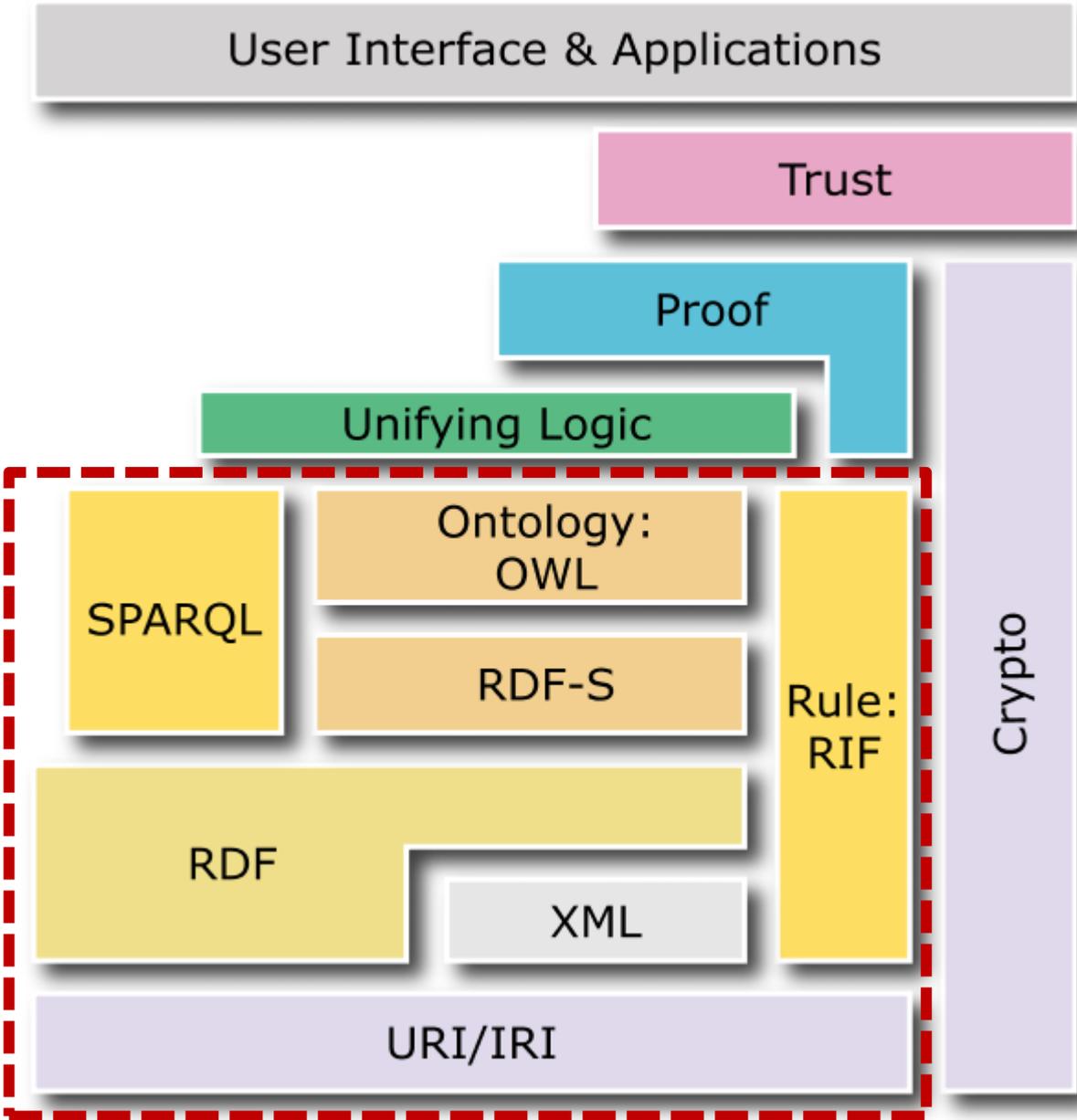
web sémantique

mentionné par Tim BL

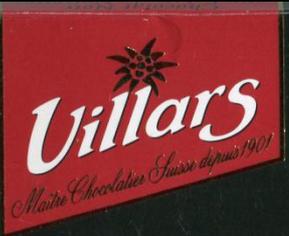
en **1994** à WWW



[Tim Berners-Lee 1994, <http://www.w3.org/Talks/WWW94Tim/>]



dc:creator

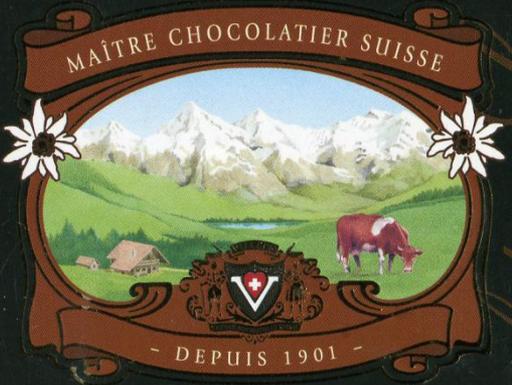


rdf:label



Chocolat Noir

Eclats de Noisettes



Dunkle Schokolade mit Haselnussplittern
Dark Chocolate with Hazelnuts Chips



NET WT. 3.5 oz
100g e

All Natural
- sans additif artificiel, sans arôme artificiel -

ex:weight



ex:ingredients



CHOCOLAT NOIR AUX ECLATS DE NOISETTES (10%)
 Ingrédients : sucre, pâte de cacao, éclats de noisettes, beurre de cacao, fraction de beurre, Emulsifiant (lécithine de soja), Arôme naturel de vanille. Cacao : 50 % minimum dans le chocolat. Traces éventuelles de lait, d'amandes, de noix de pécan, de noix, d'œufs, de gluten et de pistaches. Fabriquée en Suisse.

DUNKLE SCHOKOLADE MIT HASELNUSSPLITTERN (10%)
 Zutaten: Zucker, Kakaomasse, Haselnussplittern, Kakaobutter, Butterfraktionen, Emulgator (Sojalecithin), Natürliches Aroma von Vanille, Kakao: 50% mindestens in der Schokolade. Eventuell Spuren von Milch, Mandeln, Pekannüssen, Nüssen, Eiern, Gluten und Pistazien. Hergestellt in der Schweiz.

CIOCcolato AMARO CON NOCCIOLE SPEZZATE (10%)
 Ingredienti: zucchero, pasta di cacao, noccioline spezzate, burro di cacao, frazioni di burro, Emulsionante (lecitina di soia), Vaniglia naturale sapore. Cacao: 50 % minimo nel cioccolato. Eventuali tracce di latte, di mandorle, di noci american, di noci, di uova, di glutine e di pistacchio. Prodotto in Svizzera.

DARK CHOCOLATE WITH HAZELNUTS CHIPS (10%)
 Ingredients: sugar, cocoa mass, hazelnuts chips, cocoa butter, butter fat, Emulsifier (soya lecithin), Natural vanilla flavour. Chocolate contains: cocoa solids 50% minimum. Possible traces of milk, almonds, pecan nuts, walnuts, eggs, gluten and pistachio nuts. Made in Switzerland.

CHOCOLATE NEGRO CON TROCITOS DE AVELLANAS (10%)
 Ingredientes: azúcar, pasta de cacao, trocitos de avellanas, manteca de cacao, mantequilla derretida. Emulsionante (lecitina de soja). Natural sabor vainilla. Cacao: 50% mínimo en el chocolate. En su caso, trazas de leche, almendras, nueces de Pecan, nueces, huevos, gluten y pistachos. Importado para España y Portugal por: Comercial Masoliver SA, C/ Punta, 18 17857-Begudà, Sant Joan les Fonts (Girona) España. Producido en Suiza.

CHOCOLATE PRETO COM PEDACOS DE AVELÁS (10%)
 Ingredientes: açúcar, pasta de cacau, pedacos de avelãs, manteiga de cacau, manteiga derretida. Emulsionante (lecitina de soja). Natural sabor baunilha. Cacao: mínimo 50% no chocolate. Vestígios eventuais de leite, amêndoas, nozes de Pecan, nozes, ovos, glúten e pistácios. Importado em Espanha e Portugal por: Comercial Masoliver SA, C/ Punta, 18 17857-Begudà, Sant Joan les Fonts (Girona) Espanha. Produzido em Suíça.

MÖRK CHOKLAD MED HASELNÖTSBITAR (10%)
 Ingredienser: socker, kakaomassa, haselnötsbitar, kakaosmör, smält smör, Emulgeringsmedel (sojalecithin). Naturligt vanilj smak. Kakao : minst 50% i chokladen. Eventuella rester av mjölk, mandlar, pecan nötter, nötter, ägg, gluten, pistasch. Tillverkad i Schweiz.

شوكولاتة بالحليب مع البندق (10%)
 المكونات : سكر، زبدة الكاكاو ، مسحوق حليب كامل الدسم ، قطع البندق ، حب الكاكاو ، مسحوق حليب منزوع الدسم ، زبدة سائلة ، مسحوق حليب مخفف ، مسحوق حب الشعير ، المستحلبات (لبيتين الصويا) ، نكهات. كاكاو: 50% على الأقل في الشوكولاتة. آثار محتملة للوز و الجوز و البيض و بروتين البندق. المستورد في الجزائر: مؤسسة قوماك: حي العمراني رقم 53 - بابا حسن - الجزائر - صنع في سويسرا
 المورد: شركة فرح للتوزيع حمام سوسة تونس الهاتف: 73 277 418

ЧЕРНЫЙ ШОКОЛАД С ДРОБЛЕННЫМИ ЛЕСНЫМИ ОРЕХАМИ (10%)
 Ингредиенты: Сахар, какао-масса, орехи лесные дробленые, масло какао, молоко обезжиренное, сухое. Эмульгатор: лецитин соевый. Натуральный ванильный ароматизатор. Содержание какао-продуктов в шоколаде: не менее 50%. Возможно незначительное содержание молочный, миндаля, грецкого ореха, яичного порошка, глютена и фисташки. Не содержит ГМО. Вес нетто: 100 г. Хранить в сухом прохладном месте. Изготовлено и упаковано: Вилларс Матре Шокولاتье СА. Ро де ла Фондери 2, 1701 Фрибург, Швейцария. Дата производства и срок годности до: смотри на этикетке. По истечению срока годности не рекомендуется употреблять в пищу.
 Импортёр: "Центр-Имекс", Москва, Микло-Максв 22, "Р.Т.С.Групп", Москва, Б.Овчинниковский 12-1-33. Эксклюзивный дистрибутор 120 978 Россия: ЗАО "Компания "БОНА", юр.адрес: 119017, г. Москва, Старомонетный пер., д. 9, стр. 1. Телефон: (495) 137 72 72, факс: (495) 956 67 95. Произведено в Швейцарии.

rdf:about



10.2010
L2799 07:21

rdf:type



A conserver au frais et au sec / Kühl und trocken lagern / Conservare in luogo fresco e asciutto / Store in a cool and dry place / Conservar en lugar fresco y seco / Conservar num lugar fresco e seco / Conservare zvalt och tørt / حفظ في مكان بارد وجاف / Хранить в сухом прохладном месте
VILLARS MAÎTRE CHOCOLATIER S.A. RTE DE LA FONDERIE 2, 1701 FRIBOURG-SUISSE
www.chocolat-villars.com

Poids Net : 100g e

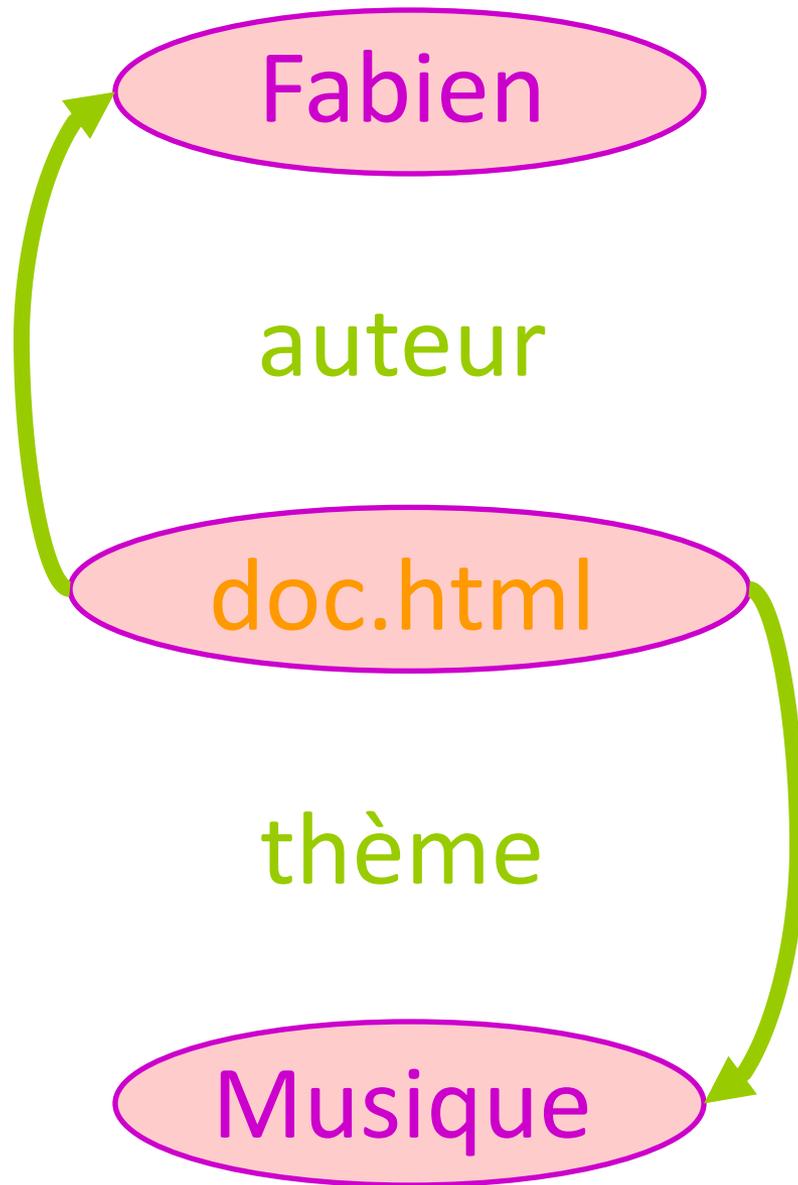
RDF est un modèle de triplets *i.e.*
toute connaissance est décomposée en

(**sujet** , **predicat** , **objet**)



*doc.html a pour auteur Fabien et a
pour thème la Musique*

doc.html a pour auteur Fabien
doc.html a pour thème Musique

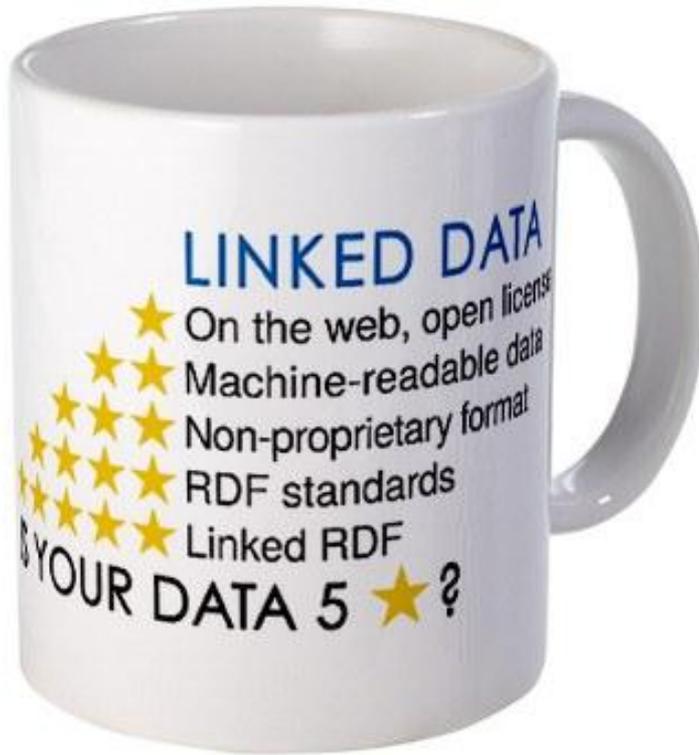


ouvrir et relier des données dans un
graphe mondial





interroger avec SPARQL
SPARQL Protocol and RDF
Query Language



e.g. DBpedia

SPARQL Explorer for <http://dbpedia.org/sparql>

SPARQL:

```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX dc: <http://purl.org/dc/elements/1.1/>
PREFIX : <http://dbpedia.org/resource/>
PREFIX dbpedia2: <http://dbpedia.org/property/>
PREFIX dbpedia: <http://dbpedia.org/>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
```

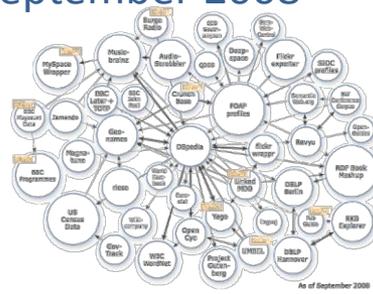
Results:

Powered by [OpenLink Virtuoso](#) and [dbpedia](#)

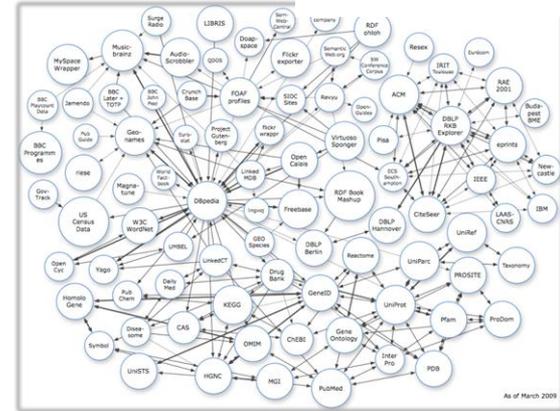
April 2008

September 2008

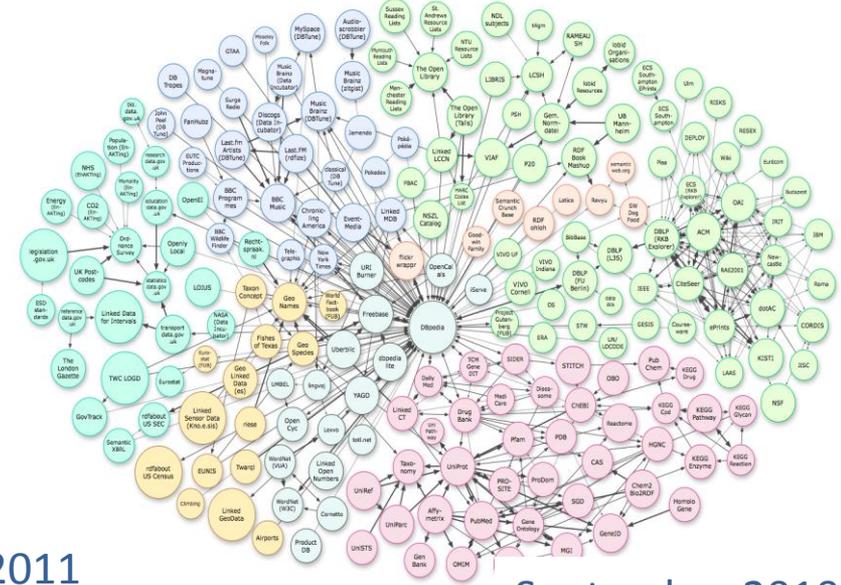
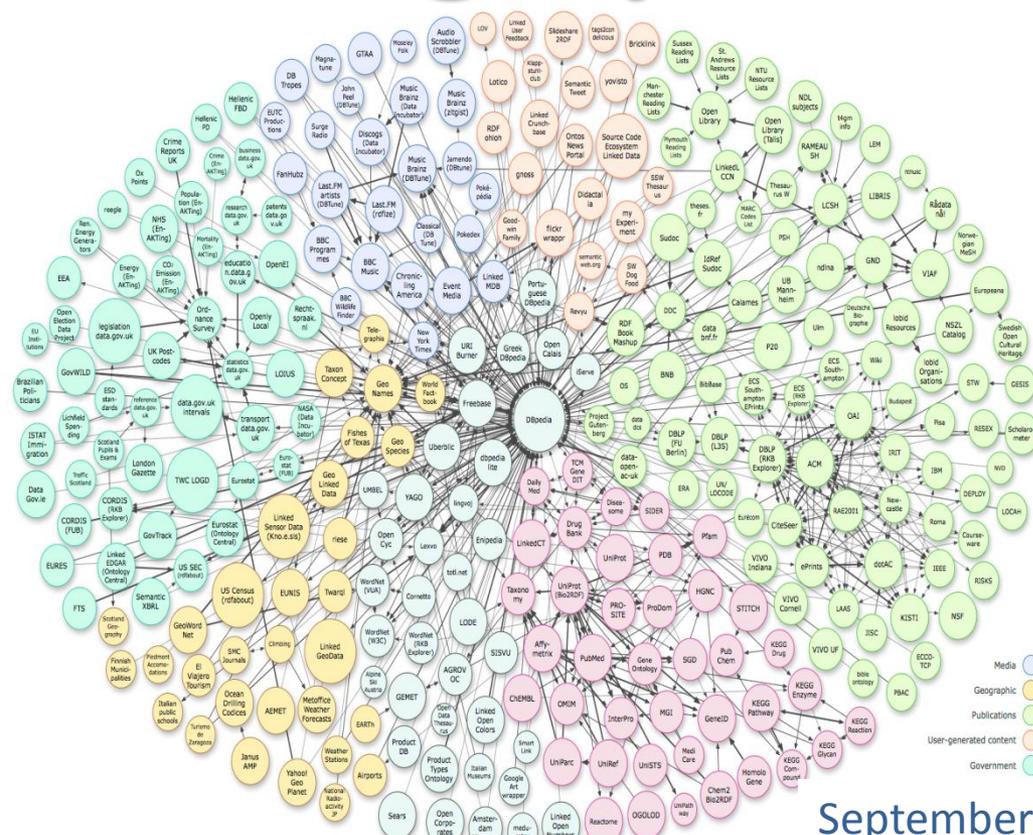
May 2007



March 2009



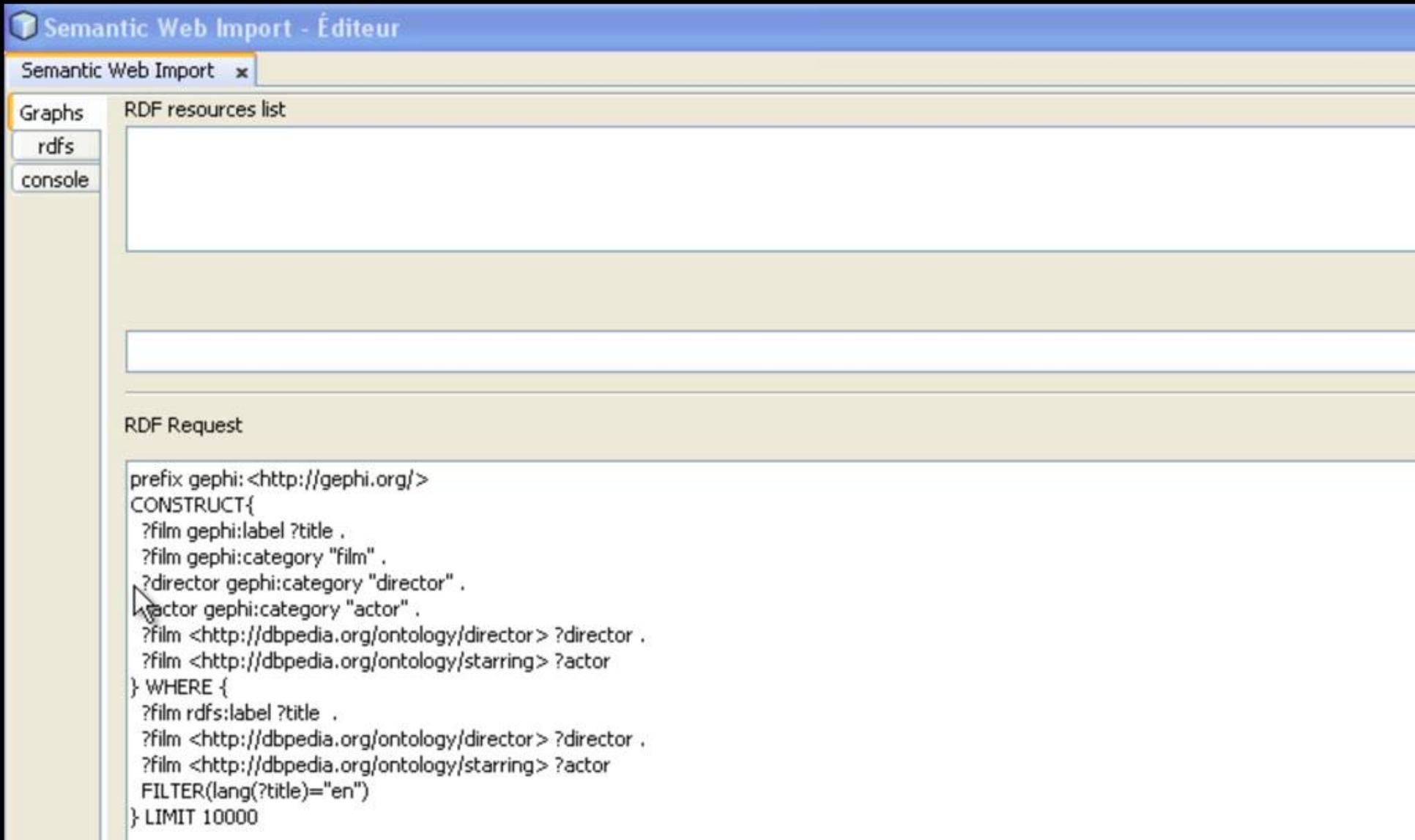
Linking Open Data



September 2011

September 2010

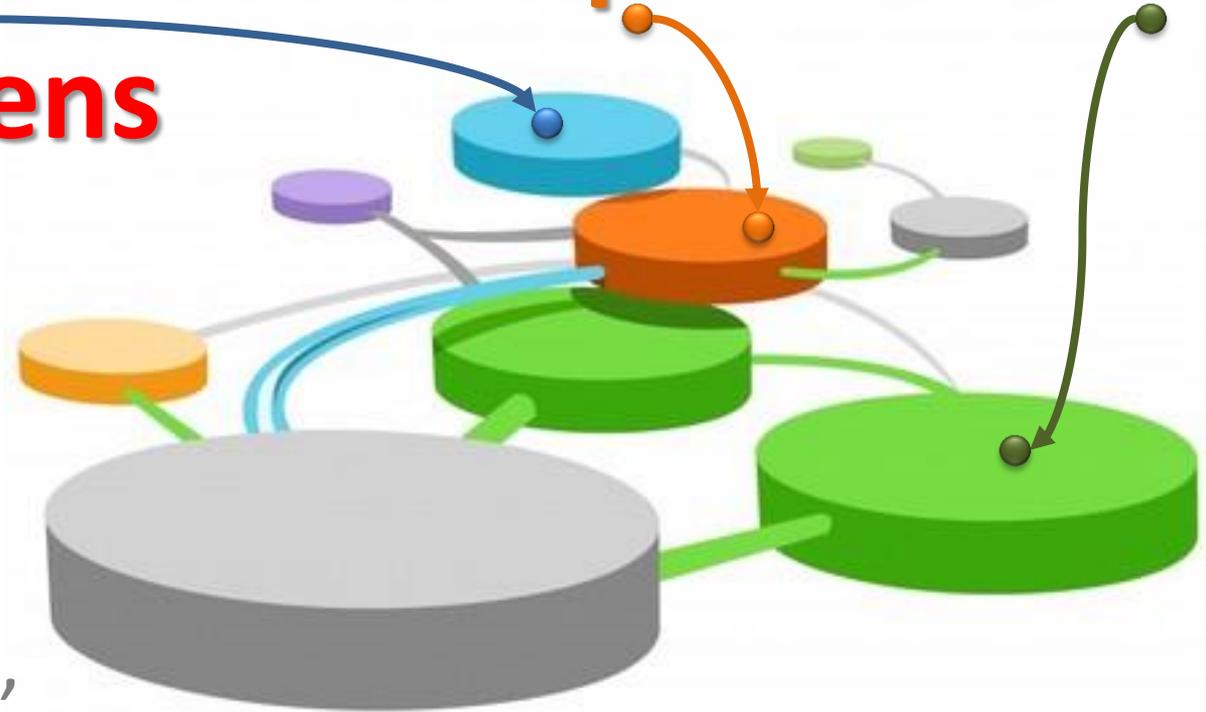
Plugin Gephi



The screenshot shows the 'Semantic Web Import - Éditeur' window. The title bar reads 'Semantic Web Import - Éditeur'. Below the title bar is a tab labeled 'Semantic Web Import x'. On the left side, there is a sidebar with three buttons: 'Graphs', 'rdfs', and 'console'. The main area is divided into two sections. The top section is titled 'RDF resources list' and contains an empty text box. The bottom section is titled 'RDF Request' and contains a SPARQL query. A mouse cursor is pointing at the 'actor' line in the query.

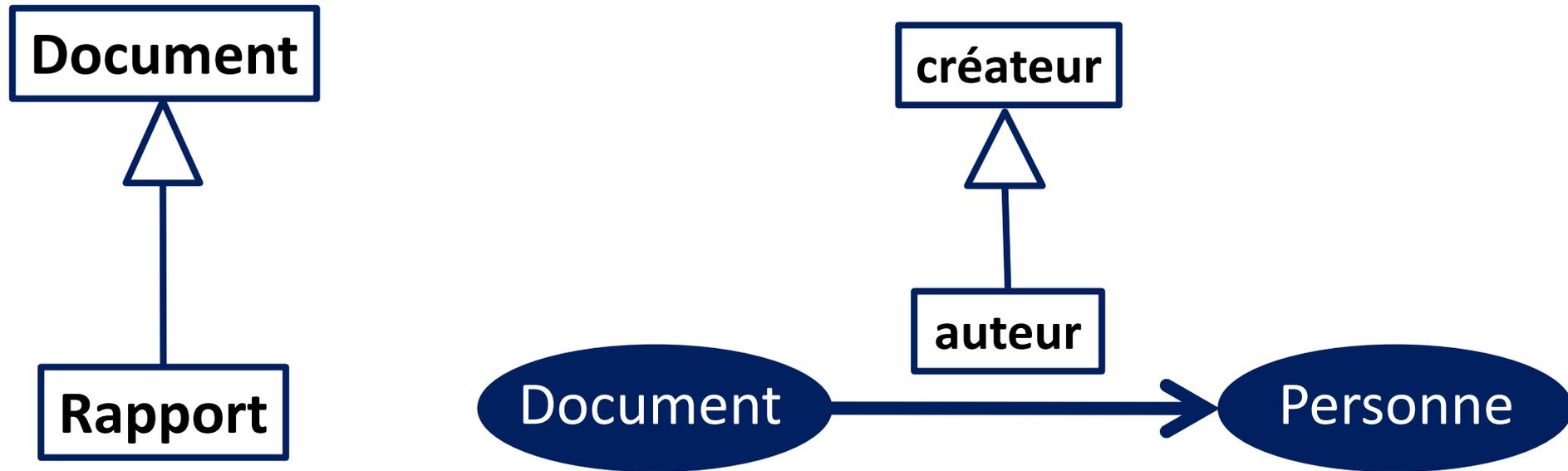
```
prefix gephi: <http://gephi.org/>
CONSTRUCT{
  ?film gephi:label ?title .
  ?film gephi:category "film" .
  ?director gephi:category "director" .
  ?actor gephi:category "actor" .
  ?film <http://dbpedia.org/ontology/director> ?director .
  ?film <http://dbpedia.org/ontology/starring> ?actor
} WHERE {
  ?film rdfs:label ?title .
  ?film <http://dbpedia.org/ontology/director> ?director .
  ?film <http://dbpedia.org/ontology/starring> ?actor
  FILTER(lang(?title)="en")
} LIMIT 10000
```

une goutte de **sémantique** dans un monde **de liens**



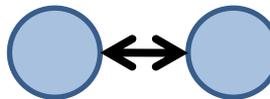
web sémantique,
ou les données liées et la sémantique des schémas

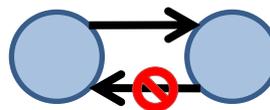
RDFS pour définir les classes de ressources, leurs propriétés, et organiser leur hiérarchie

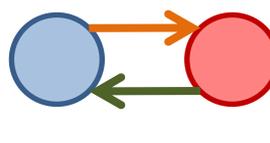
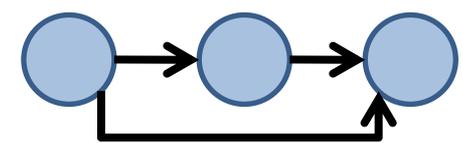




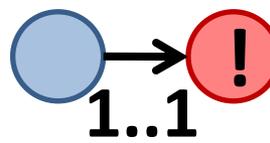
OWL in one...

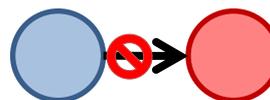
 prop. algébriques

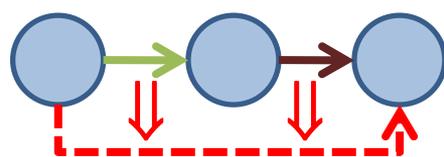
 

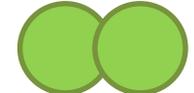
 

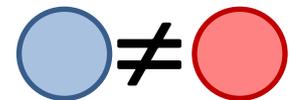
 prop. disjointes

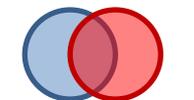
 cardinalité qualifiée

 négation prop. indiv

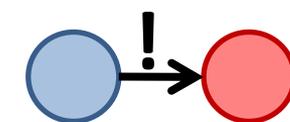
 prop. chaînées

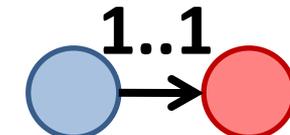
 par union

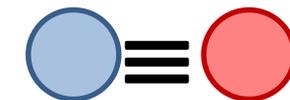
 la disjonction

 par intersection

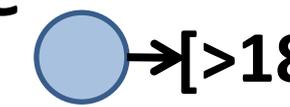
 par complément

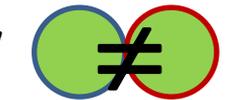
 par restriction

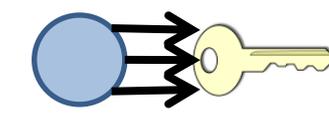
 par cardinalité

 par équivalence

 par énumération

 restrict. valeur

 union disjointe

 clefs

...



Monday 1 February 2010



+ Add more to this page ?

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Top Israeli officers reprimanded

Israel reveals it has reprimanded two top officers over the use of white phosphorus shells in Gaza, its first such admission of errors.

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S Lanka military chiefs dismissed

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- Nigerian oil pipeline sabotaged
- China accuses US over Taiwan deal

Sport

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Live - Transfer deadline day

Cairo delight at African Cup win

Latest updates from first F1 test

- Transfer trio boost Celtic squad
- Ferguson praises 'maturing' Nani
- Terry left to sweat on captaincy
- Geremi completes Newcastle exit
- Benitez dismisses Juventus deal

Travel

Edit x

from lonely planet



Spotlight



» AEROSPACE



Singapore air show eyes military sales

After a bad year for airlines, manufacturers at the Singapore air show have higher hopes for sales of military hardware than civilian aircraft.

- Gloom ahead of Asia's largest air show
- Planemakers eye depressed cargo market
- 'Manage flights' to cut emissions

Business & Money

Edit x

» MARKET DATA MON, 1 FEBRUARY 2010 12:37:42 GMT

Dow Jones	10067.33	▼	-53.13
Nasdaq	2147.35	▼	-31.65
FTSE 100	5188.53	▲	0.01
Dax	5604.08	▼	-4.71
Cac 40	3729.43	▼	-10.03

15 minute delay | Terms and Conditions

» STERLING EXCHANGE RATES

CORESE/ KGRAM

Corese/KGRAM GUI - v2.4.2.6 - 2010-11-11

File Edit Engine Debug ?

System +

Loaded files: Debug Reload

Logs:

```
reset...  
RDFS/Rules : 0.00 s  
Load Triples : 488  
Load Relations : 423  
Load Concepts : 135  
  
done.
```

DATA LIFT



- passer de la donnée brute publiée à la donnée sémantique interconnectée
- fournir une plateforme assistant la publication
- validation et application de la plate-forme à des données réelles



*ma montre n'a qu'une aiguille
mais elle n'est pas cassée.*

de l'intérêt d'un à peu près...



Bonjour Admin

Se Décrire

- [liste des organismes](#)
- [liste des entreprises](#)

Explorer Telecom Valley

Rechercher un Partenaire

Liens directs

- [Chaîne de valeur](#)
- [L'ontologie](#)

Autres liens

- [Plan du site](#)
- [Contacts](#)
- [Présentation](#)
- [Forum](#)
- [Déconnexion](#)

KmP >> Scénarios 2 et 3: Rechercher un partenaire

Entreprise [Philips Semiconductors](#)

Distance sémantique  {d=42}

- [Concevoir , Design de test , 3G](#)

Entreprise [Philips Semiconductors](#)

Distance sémantique  {d=42}

- [Concevoir , Design de test , 2G](#)

Entreprise [Philips Semiconductors](#)

Distance sémantique  {d=42}

- [Concevoir , Design de test , Bluetooth](#)

Entreprise [Philips Semiconductors](#)

Distance sémantique  {d=47}

- [Concevoir , Design de circuits intégrés](#)

Equipe [Antennes actives intégrées et micro](#)

Distance sémantique  {d=50}

- [Concevoir , Composants et systèmes](#)

Equipe [Nouvelles antennes pour télécom](#)

Distance sémantique  {d=50}

- [Concevoir , Antenne miniature , Environnement](#)

Results of search for teams/skills

Results summary

- Number of teams: 2 (total with approx. = 3)
- Number of skills: 5 (+5 approx.)

Request summary

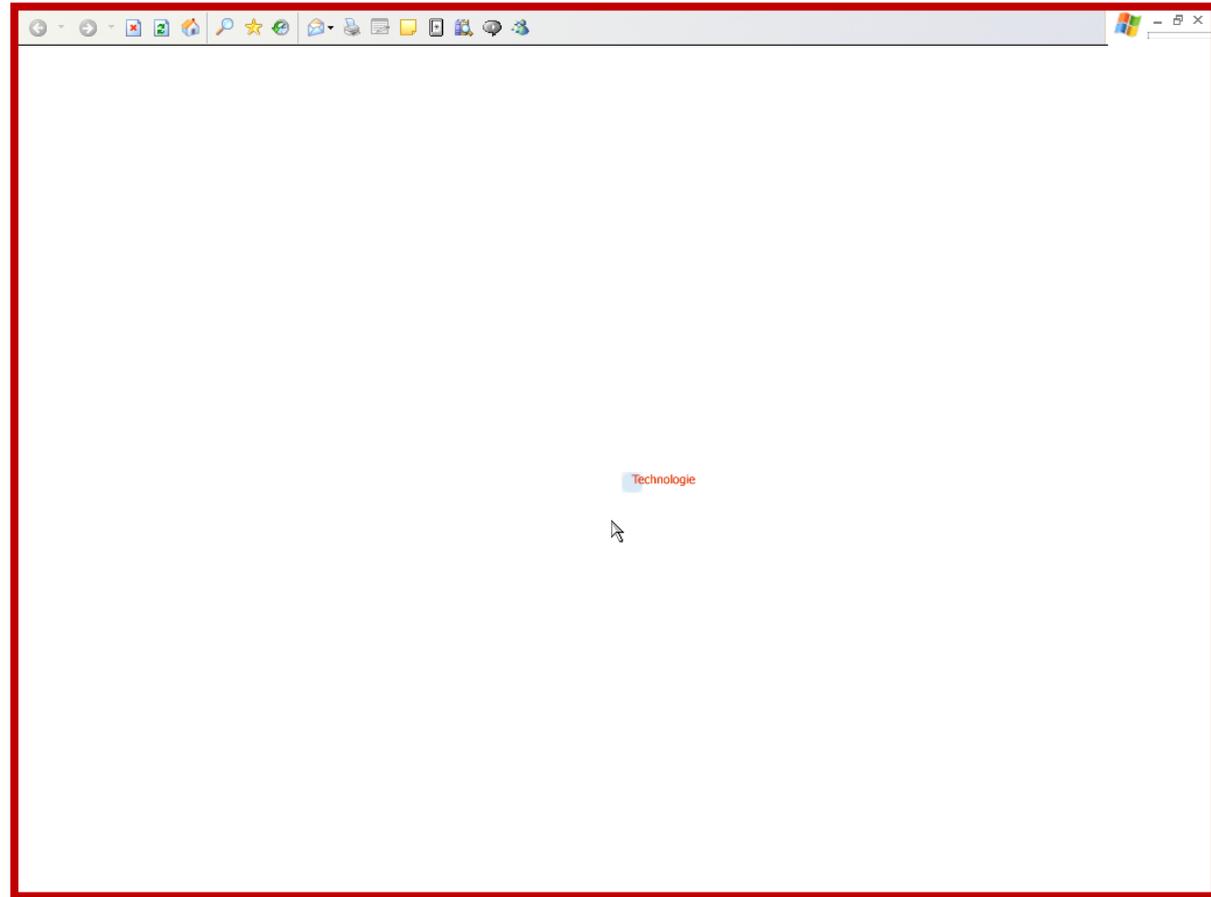
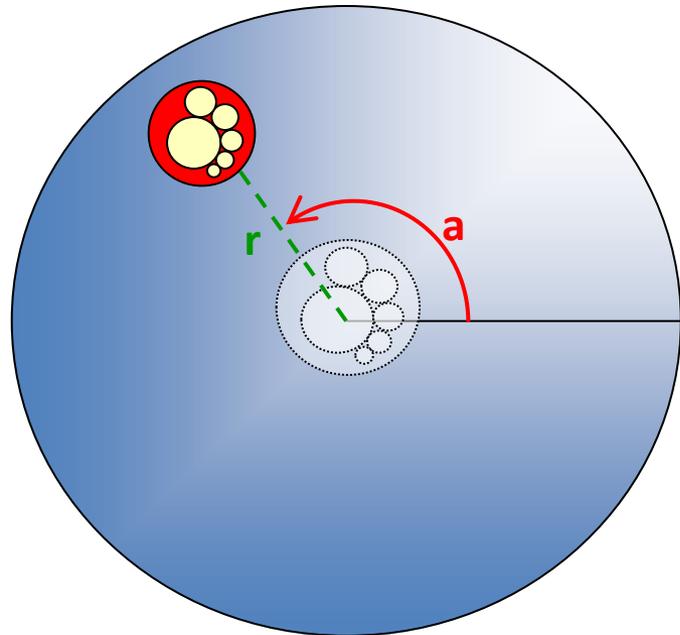
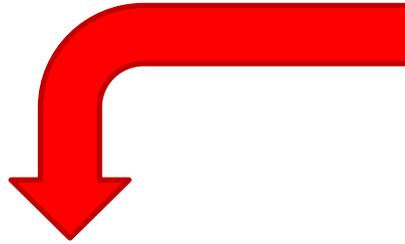
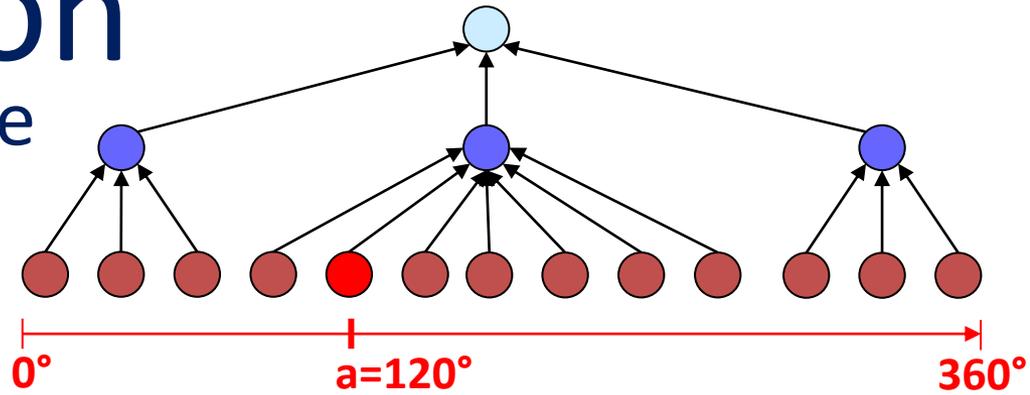
I'm looking for teams that have skill(s) characterized by Design

Team	Action	Deliverable	Environment	Resources	
MST Baseband Development	Design	Component Design	3G Handset	Digital Des Eng	
Nexperia Mobile Multimedia	Design	System Design	CellularTerminals [Mobile Multimedia]	Digital Des Eng	
Nexperia Mobile Multimedia	Design	component Architecture	CellularTerminals [Mobile multimedia]	Computing Architecture	
Nexperia Mobile Multimedia	Design	Component Design	CellularTerminals [Mobile multimedia]	Digital Des Eng	
Nexperia Mobile Multimedia	Design	Component	CellularTerminals [Mobile multimedia]	SW eng	
Skills of the team:					
	Design component Architecture	CellularTerminals [Mobile multimedia]	(3)	PCB technology system engineering	
	Design System Design	CellularTerminals [Mobile Multimedia]	(2)	Computing Architecture[Baseband architecture]	
	Design Component Design	CellularTerminals [Mobile multimedia]	(2)	Computing Architecture[Baseband architecture]	
	Design Software	CellularTerminals [Mobile multimedia]	(2)	Computing Architecture[Baseband architecture]	
	Introduce Deliverable	CellularTerminals [Mobile multimedia]	(2)	SW eng[HW/Board eng]	
MST Baseband Development	Design [Architecture]	component Architecture	3G Handset	Computing Architecture[Baseband architecture]	
Nexperia Mobile Multimedia	Introduce	Deliverable	CellularTerminals [Mobile multimedia]	Computing Architecture	
MST Baseband Development	Develop	Algorithm [HW boards/platforms]	CellularTerminals	SW eng[HW/Board eng]	

Modify search criterions New search

sens et position

d'une taxonomie à une vue





Bonjour Admin

Se Décrire

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[liste des entreprises](#)

Explorer Telecom Valley

[Naviguer](#)

[Clusters et Pôles](#)

[Connaitre les facilitateurs](#)

[Requête type](#)

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Liens directs

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Autres liens

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- [Présentation](#)
- [Forum](#)
- [Déconnexion](#)

[KMP](#) >> [Explorer Telecom Valley](#) >> **Identifier les Clusters et Pôles**

Identifier le cluster du système d'offre

Soumettre la requête

Vous pouvez choisir des niveaux de précision de la recherche en sélectionnant :

Niveau de détail des Action(s)

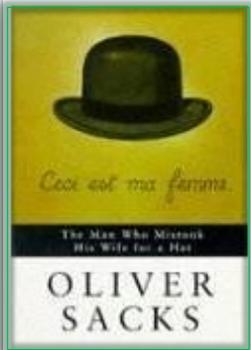
Niveau de détail des Ressources(s)

limiter la recherche

aux entreprises aux équipes de recherche sans restriction

beaucoup de données

dans beaucoup de pages



The Man Who Mistook His Wife for a Hat (Picador) (Paperback)

by [Oliver Sacks](#) (Author)

★★★★★ (19 customer reviews)

RRP: £8.99

Price: **£6.99** & eligible for **Free UK delivery** on orders over £15 with Super Saver Delivery. [See details and conditions](#)

You Save: £2.00 (22%)

Availability: In stock.

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Product details

Paperback: 256 pages

Publisher: Picador; New Ed edition (7 Nov 1986)

Language: English

ISBN-10: 0330294911

ISBN-13: 978-0330294911

Product Dimensions: 19.7 x 13.1 x 1.9 cm

Average Customer Review: ★★★★★ (19 customer reviews)

Amazon.co.uk Sales Rank: 1,107 in Books (See [Bestsellers in Books](#))

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(Publishers and authors: [Improve Your Sales](#))

Other Editions: [Hardcover](#) | [Paperback](#) (Large Print e.) | [All Editions](#)

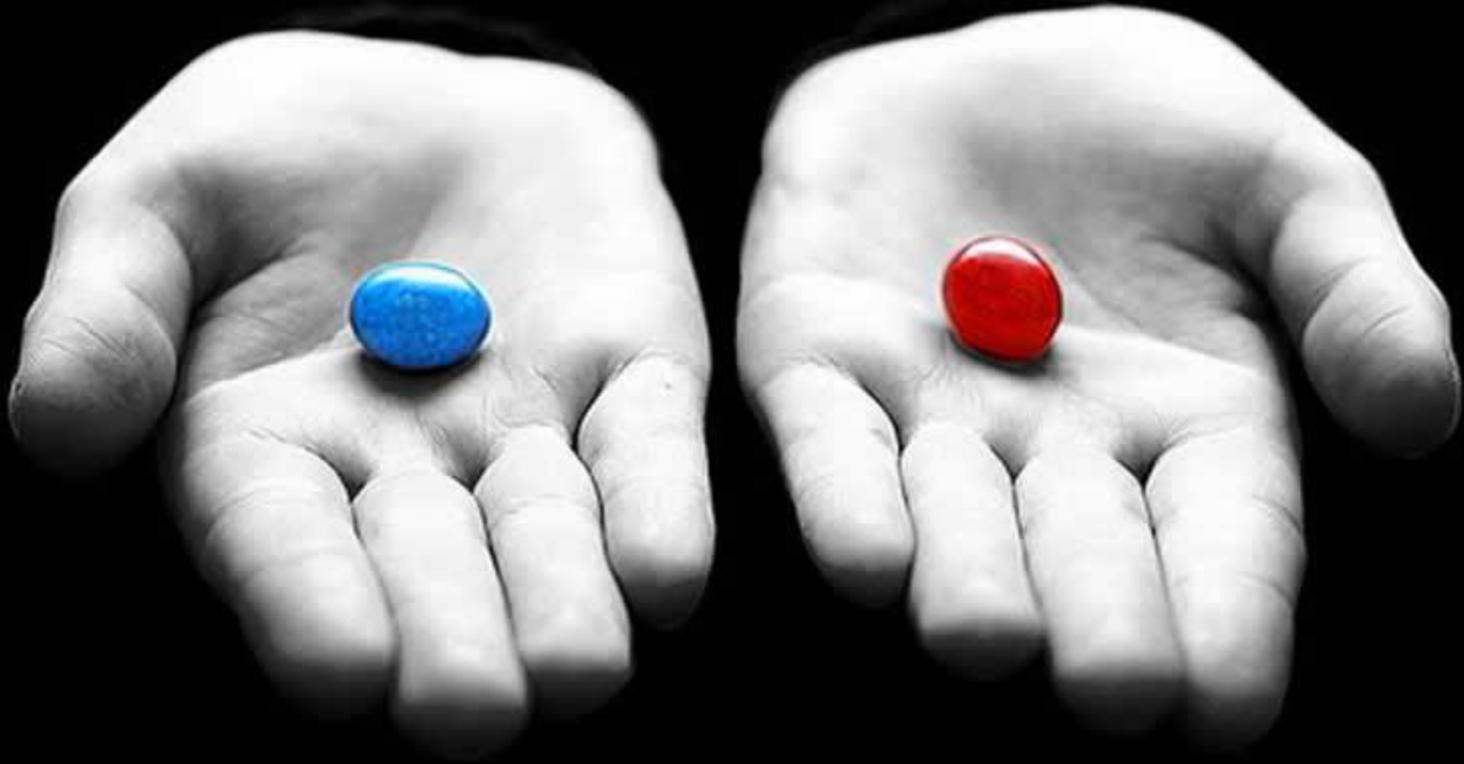
RDFa signifie

RDF dans des **attributs** de HTML

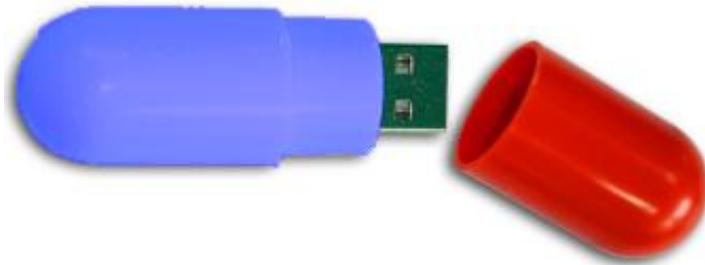


```
<div xmlns:dc="http://purl.org/dc/elements/1.1/">  
  <h2 property="dc:title">The trouble with Bob</h2>  
  <h3 property="dc:creator">Alice</h3>  
  ...  
</div>
```

pages | | données



page && données



Tantek's Thoughts - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages ScrapBook Outils ?

http://tantek.com/ using microformats

Homepage inria my bookmarklets nice bookmarklets Google Pages jaunes Michelin Dico CNRS Le Grand Robert & C...

Addresses (4) Contacts (36) Events (5) Locations Tagspaces (76) Bookmarks Resources Options

Tantek's Thoughts

Tantek's Thoughts

CSS examples favelets blog archives site map

Identity facets XFN FRIENDLY

more thoughts

- wiki
- twitter / faves
- pounce
- technorati / faves

events

- upcoming (+subscribe)
- pounce events (+subscribe)

media - photos & videos

- flickr / photos
- revver (videos)
- bliptv - videos

OpenIDs

- myopenid, lj

Projects

- microformats to-do changes
- hCard
- hCalendar
- hReview
- XDXD
- GMPG
- XFN 1.1
- XMDP
- Technorati

Open as possible means public domain plus a strong community

1/1 7:46 PM

tags: open microsoft ie msie iemac publicdomain standards licenses freedom

My journey implementing and/or iterating/improving/creating "open" standards began almost 10 years at Microsoft when I was assigned the area of CSS support in Internet Explorer for Macintosh. Along the way I've learned a lot about the longterm value of open standards, open source, and open content, and as a result the plethora of "open" licenses out there. Having seen real difficulties that different "open" projects have had working together due to license (or even philosophical definition of "freedom") incompatibilities, limitations, friction, barriers to developing derivative materials to help "open" projects, and even FUD used inside many corporations to limit use of "open" resources, it led me inexorably to one conclusion.

* Blogs that link here

2,464 blog reactions

318^{TECHNORATI}

Technorati

Technorati search

this blog all blogs

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on Tantek's Thoughts

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Terminé

exemple en biologie...

The screenshot displays the Gate 2.2 build 1350 software interface. The main window shows a document titled "GATE document_0001E" with a text editor containing a biological passage. The text discusses keratinocyte and hepatocyte growth factors in the lung, their roles in development and repair, and the therapeutic potential of KGF and HGF. The text is annotated with various markers, including a red box around the word "paragraphe" at the end of the text.

Gate 2.2 build 1350

File Options Tools Help

Gate

- Applications
- Language Resources
 - GATE document_0001E
- Processing Resources
- Data stores

Messages GATE document_0001E

Text Annotations Annotation Sets Print

Keratinocyte and hepatocyte growth factors in the lung: roles in lung development, inflammation, and repair
Ware, Lorraine B., and Michael A. Matthay. Keratinocyte and hepatocyte growth factors in the lung: roles in lung development, inflammation, and repair. *Am J Physiol Lung Cell Mol Physiol* 282: L9247-L940, 2002; 10.1152/ajplung.00439.2001. A growing body of evidence indicates that the epithelial-specific growth factors keratinocyte growth factor (KGF), fibroblast growth factor (FGF-10), and hepatocyte growth factor (HGF) play important roles in lung development, lung inflammation, and repair. The therapeutic potential of these growth factors in lung disease has yet to be fully explored. KGF has been best studied and has impressive protective effects against a wide variety of injurious stimuli when given as a pretreatment in animal models. Whether this protective effect could translate to a treatment effect in humans with acute lung injury needs to be investigated. FGF-10 and HGF may also have therapeutic potential, but more extensive studies in animal models are needed. Because HGF lacks true epithelial specificity, it may have less potential than KGF and FGF-10 as a targeted therapy to facilitate lung epithelial repair. Regardless of their therapeutic potential, studies of the unique roles played by these growth factors in the pathogenesis and the resolution of acute lung injury and other lung diseases will continue to enhance our understanding of the complex pathophysiology of inflammation and repair in the lung. acute lung injury, acute respiratory distress syndrome; epithelial growth factor

Default annotations

- Concept
- Playrole
- Sentence
- SpaceToken
- Split
- Token

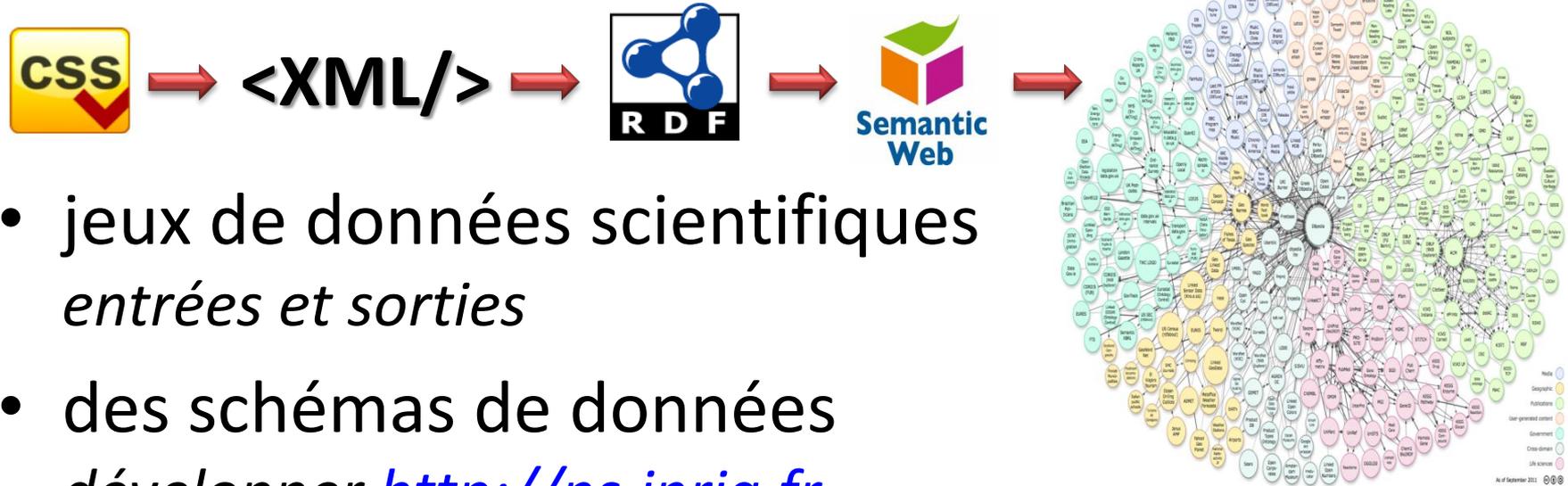
Original markups ann

- paragraphe

Annotations Editor Features Editor Initialisation Parameters

loaded in 1.467 seconds

forme / fond, structure, sémantique



- jeux de données scientifiques
entrées et sorties
- des schémas de données
développer <http://ns.inria.fr>
- Ex en biologie: HCLS IG  
- SPARQL: recherche de liens, motifs et chaînes
- référentiels métiers et domaines
nos termes, nos définitions, nos thésaurus, ...
ex. SHOINQ < ALC < Logique de Description < Langage Logique

utilités ? scénarios ?

- reproductibilité et comparatifs
- permettre d'autres expérimentations / algo
- *ex. OAEI:*
 - *Visibilité et citation*
 - *Alignement de domaines, sources, résultats, etc.*
- journalisme de données
- génération de liens, restructuration, ranking

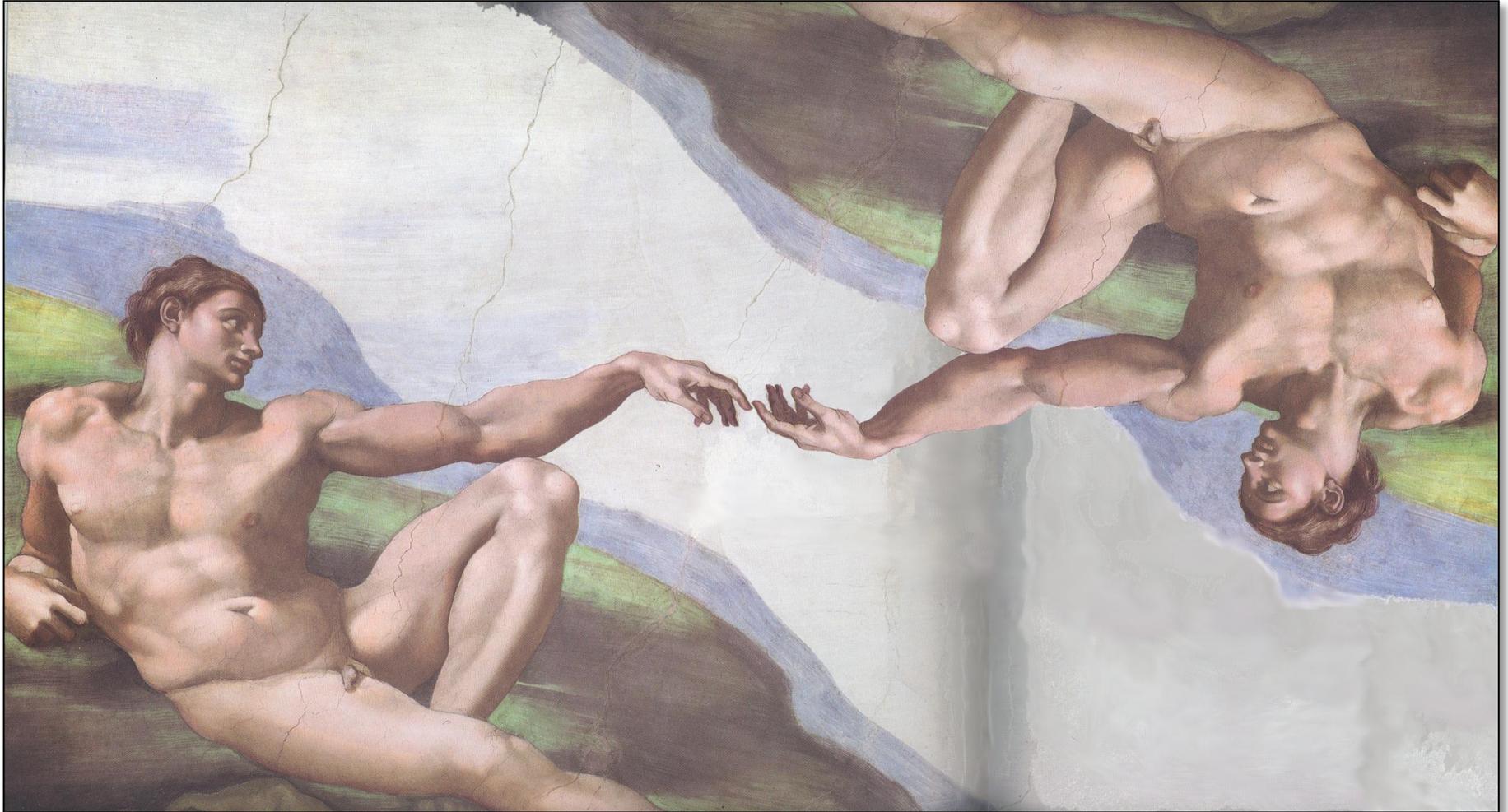


provenance et licences des données

- attacher des informations de provenance
- sélection des licences   ...
- attacher à des graphes nommés
- alignement des schémas existants
- alignement avec les actions C.R.U.D.
- attacher aux réponses aux requêtes

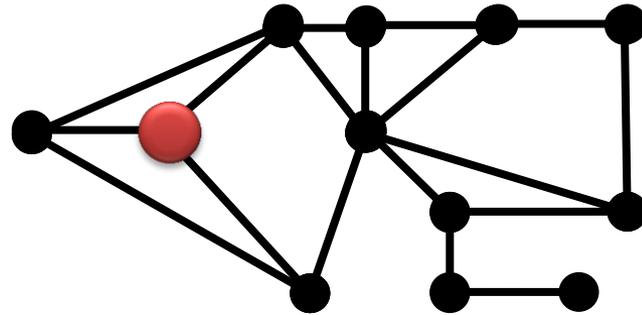
... comparaison et conflits de licences...

web social & web 2.0



wiki, 1994

réintroduit le **droit en écriture** à la granularité d'un site.



une porte vers le web social

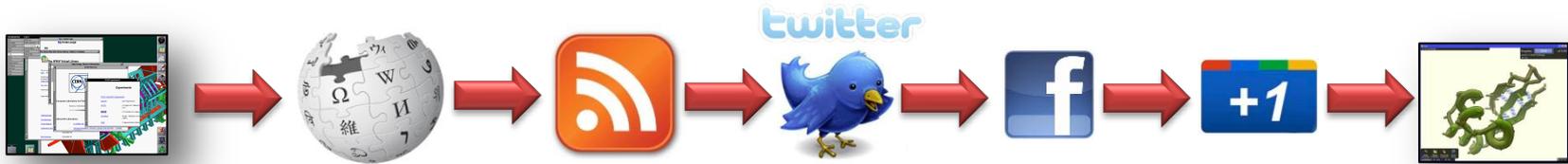

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Technology Wiki

WorkSpace	Java Courses	Keywords
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<p>Create Page</p> <p>Name</p> <input type="text"/> <p>Web</p> <p>Users <input type="button" value="v"/></p> <input type="button" value="Create this page"/>		
See Also	Tags' informations	Page
	<p>Category :</p> <p>Related tags :</p>	<ul style="list-style-type: none"> ◆ Author : admin ◆ Web : Courses ◆ Last

le web comme écriture collective



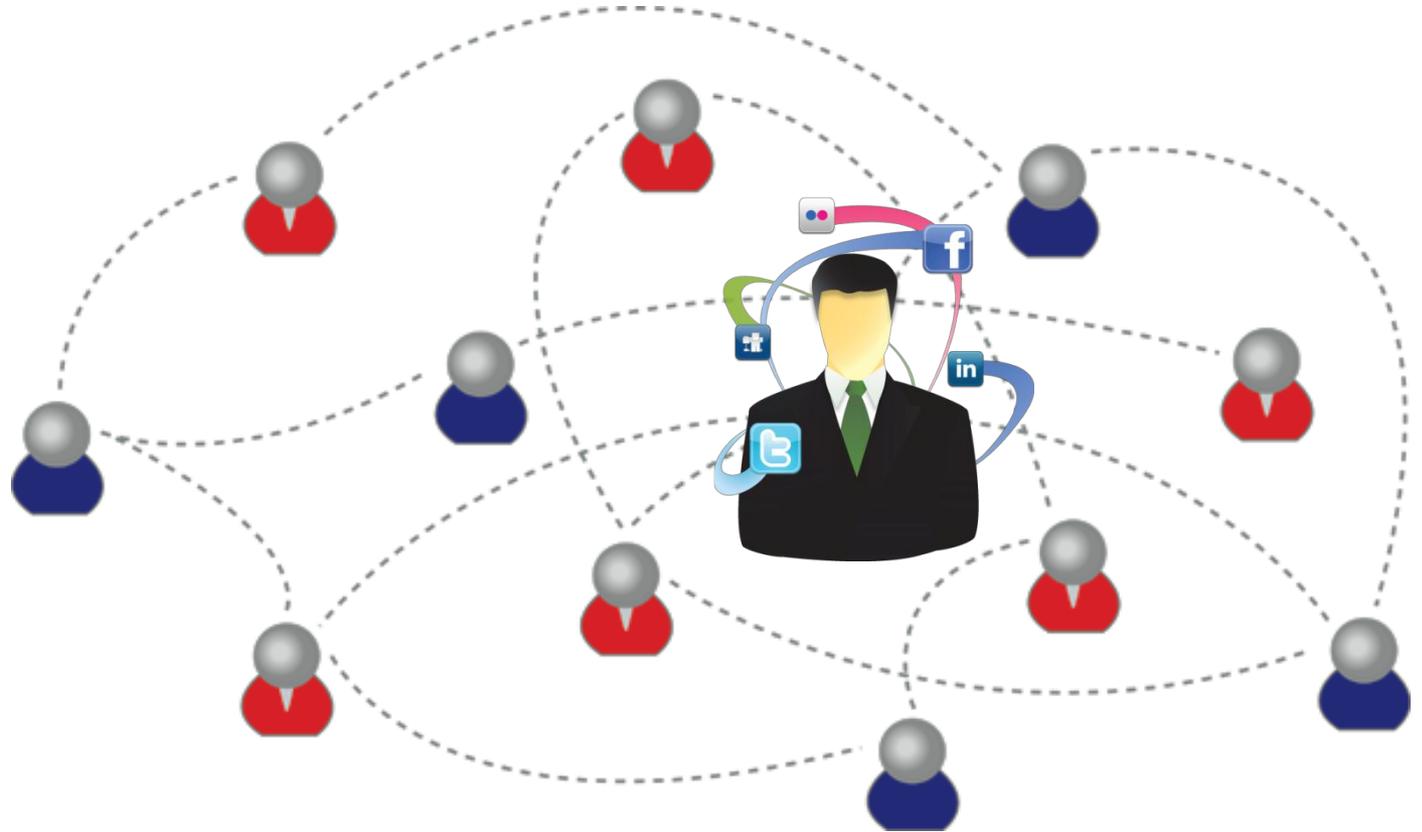
- **ouverture en écriture...** collective
 - ne plus centraliser la rédaction: distribuer, aider, ...
 - « utilisateur »: nos lecteurs peuvent aider à vulgariser, reformuler, enrichir
- **ouverture en** écriture **collective ...**
 - ne plus centraliser la rédaction: animer, solliciter
 - participer à d'autres sites: ex. wikipedia (édition, ref.)



nouvelles formes de publication...

- soumissions immédiatement publiques
- revues sollicitées et processus rendus publics
- ouvert aux commentaires et revues spontanés
- actes spécifiques vs. web ouvert
- nouveaux modes opératoires, nouveaux critères

réseaux du web social





réseaux sociaux

depuis longtemps



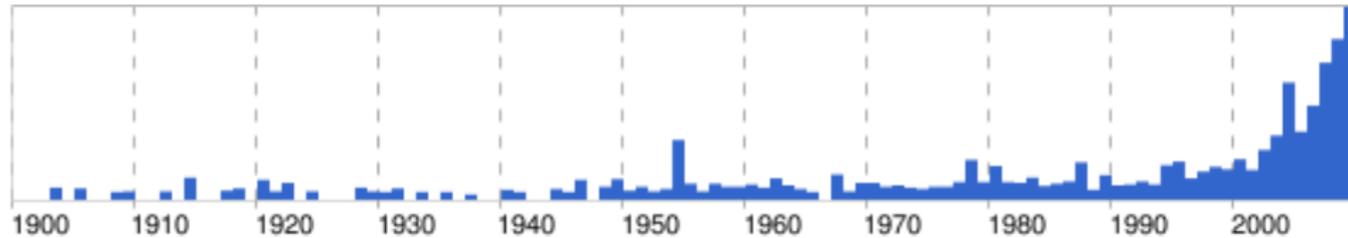
analyse réseaux sociaux

début du 20^e siècle

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social network

Search



lost.fm



LinkedIn

YouTube

habbo

skype



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flickr



twitter

orkut

friendfeed



slideshare

myspace.com



Blogger

ResearchGATE



ipernity

del.icio.us



DEEZER





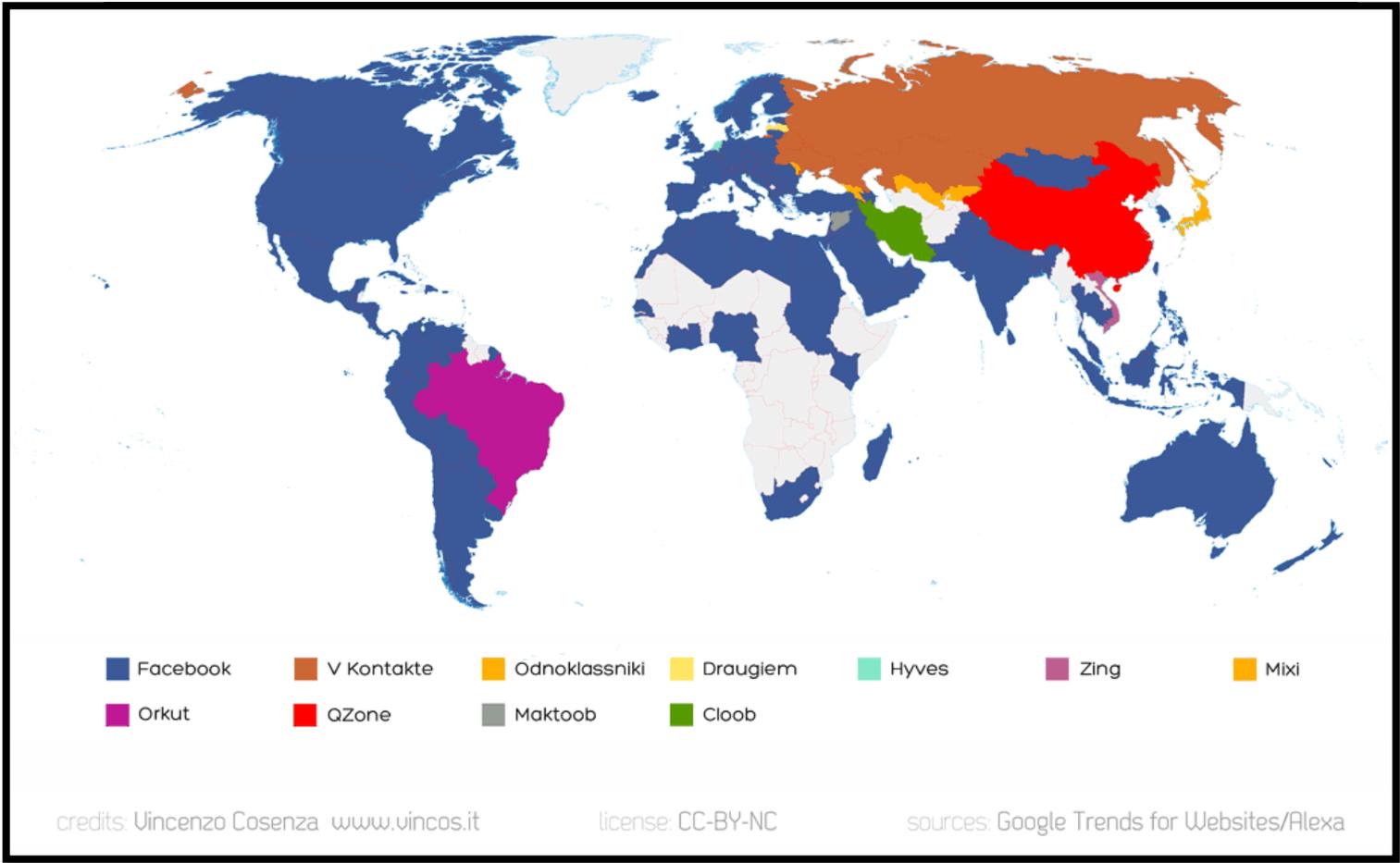
Chine: 1 600 millions



Inde: 1 200 millions



**facebook
800 millions**



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[Murray Gell-Mann](#) (Author)

★★★★☆ (30 customer reviews)

Price: **\$13.59**

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Ships from and sold by **Amazon.com**.

Formats

	Amazon Price	New from	Used from
<input checked="" type="checkbox"/> Hardcover	--	\$13.67	\$0.55
<input checked="" type="checkbox"/> Paperback	\$13.59	\$10.01	\$7.84

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Paperback: 392 pages

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ISBN-10: 0805072535

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Product Dimensions: 9.1 x 6.1 x 1.2 inches

Shipping Weight: 1.2 pounds ([View shipping rates and policies](#))

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Shipping Weight: 1.2 pounds ([View shipping rates and policies](#))

Average Customer Review: ★★★★★ (30 customer reviews)

Amazon Bestsellers Rank: #373,365 in Books

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30 Reviews

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4 star:		(8)
3 star:		(7)
2 star:		(4)
1 star:		(2)

Average Customer Review

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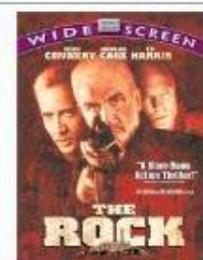
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Quicklinks

main details ▾

Top Links

- [trailers and videos](#)
- [full cast and crew](#)
- [trivia](#)
- [official sites](#)
- [memorable quotes](#)

The Rock (1996) [More at IMDbPro](#) »

Photos ([see all 57](#) | [slideshow](#))Videos ([see all 5](#))

Overview

User Rating: 7.2/10 [105,573 votes](#) »MOVIEmeter: Up 9% in popularity this week. See [why](#) on [IMDbPro](#).Director: [Michael Bay](#)Writers ([WGA](#)): [David Weisberg](#) (story) & [Douglas Cook](#) (story) ...
[See more](#) »Contact: View [company](#) contact information for The Rock on [IMDbPro](#).Release Date: 7 June 1996 (USA) [See more](#) »Genre: [Action](#) | [Adventure](#) | [Thriller](#) [See more](#) »Tagline: Alcatraz. Only one man has ever broken out. Now five million lives depend on two men breaking in. [See more](#) »Plot: A group of U.S. marines, under command of a renegade general, take over Alcatraz and threat San Francisco Bay with biological weapons. A chemical weapons specialist and the only man to have ever escaped from the Rock are the only ones who can prevent chaos. [Full summary](#) » | [Full synopsis](#) »Plot Keywords: Spoiler alert! Rollover or vote to view plo [See more](#) »Awards: Nominated for Oscar. Another 7 wins & 6 nominations. [See more](#) »

Share this page:



Like

333 people like this. Be the first of your friends.

CANNES2010

Go »

[Latest Photos](#) [Blog Updates](#) [more](#) »

externaliser la socialité d'un site

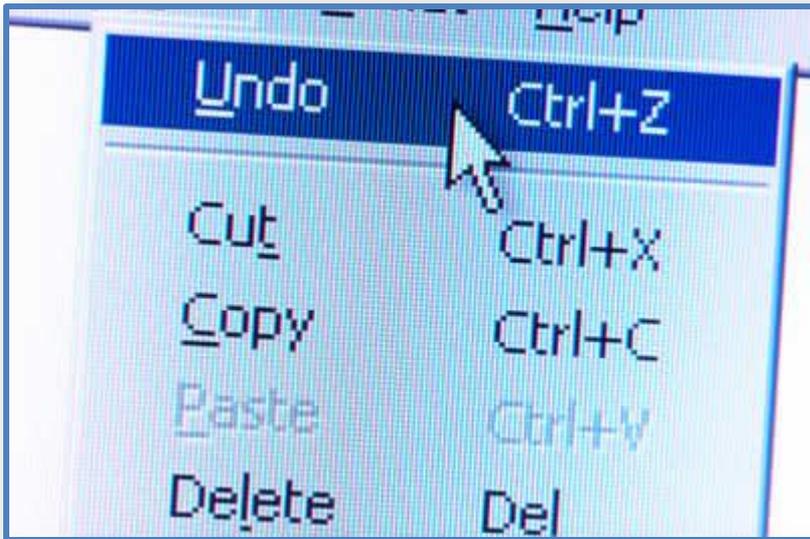
intérêt et danger

The screenshot shows the homepage of the Les Aubaines website, a subsidiary of La Redoute. The top navigation bar includes the brand name 'Les Aubaines de LA REDOUTE', a search bar with the text 'Rechercher un article ou une référence', and filters for 'Dans tout le site' and 'Taille'. A shopping cart icon shows '0 article' and a 'Me connecter' link is present.

The main banner features a group of people celebrating, with large red text announcing 'SOLDES' (Sale) and various discount percentages: -75%, -70%, -85%, -80%, and -65%. A 'Retour' button is located on the left side of the banner.

Below the banner, a breadcrumb trail reads: 'Vous êtes ici : > Les Aubaines > Offre soldes AH11 > Homme'. The page displays '199 articles' and a sorting dropdown menu. The dropdown menu options are: 'Trier :', 'Du - cher au + cher', 'Du + cher au - cher', 'Par meilleures notes', 'Par réductions', 'Les plus aimés sur Facebook' (highlighted in blue), and 'Par nouveautés'. The page also shows 'Voir 100 articles par page' and 'Page 1/5' with a 'Suivant' button.

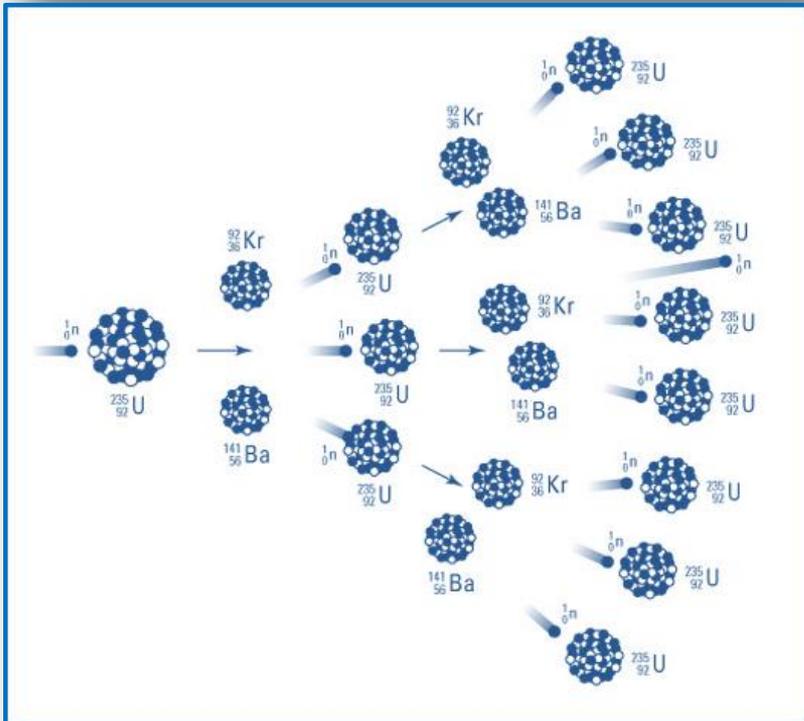
The product grid shows three items: a blue cardigan, a light blue zip-up jacket, and a teal zip-up jacket. Each item has a 'SOLDES!' label. A left sidebar contains a navigation menu with categories: 'Femme', 'Lingerie femme', 'Fille', 'Garçon', 'Homme', and 'Maison'. Under 'Homme', sub-categories are listed: 'Chemise, tee shirt, polo', 'Pull, gilet, sweat', 'Jean, pantalon, pantacourt', 'Veste, blouson, parka', 'Chaussures', 'Accessoires', and 'Sport'.



propager

toutes les actions primaires

C.R.U.D.





Delete

droit à l'oubli
et au C.R.U.D. en général.

Face... it



facebook

Home Profile Account

Fabien Gandon
Edit My Profile

News Feed

Messages 27

Events

Friends

Making Sense of... 2

Musique

Théâtre

Théâtre

Create Group...

See All

Apps

Dopplr: Where Next?

More

Events [See All](#)

What are you planning?

Ivan Herman's birthday. [See All](#)

Find More Friends

Fabien, Your Friends Are Waiting

The friend finder is better than ever. Try it.

Your Email

Email Password

Find Friends

Facebook won't store your password.

Sponsored [Create an Ad](#)

IMDb

The Internet Movie Database

Search All

Movies TV News Videos Community IMDbPro

Rock (1996)
The Rock (original title)

136 min - Action | Thriller - 31 July 1996 (France)

7.3/10

Users: (113,235 votes) 380 reviews | Critics: 105 reviews
Metascore: 59/100 (based on 18 reviews from Metacritic.com)

A renegade general and his group of U.S. Marines take over Alcatraz and threaten San Francisco Bay with biological weapons. A chemical weapons specialist and the only man to have ever escaped from the Rock attempt to prevent chaos.

Director: [Michael Bay](#)

Writers: [David Weisberg](#) (story), [Douglas Cook](#) (story), and 3 more credits

Stars: [Sean Connery](#), [Nicolas Cage](#) and [Ed Harris](#)

[Watch Trailer](#)

Quick Links:

Share this page: [f](#) [t](#) [g+](#)

[f](#) Fabien Gandon, Dan Brickley and 5,573 others like this. [Unlike](#)

facebook

Home Profile Account

Fabien Gandon
Edit My Profile

News Feed

Messages 27

Events

Friends

Making Sense of... 2

Musique

Théâtre

Théâtre

Create Group...

See All

Apps

Dopplr: Where Next?

More

Home Profile **Account**

Fabien Gandon

Edit Friends

Account Settings

Privacy Settings

Help Center

Logout

The friend finder is better than ever. Try it.

Your Email

Email Password

Find Friends

Facebook won't store your password.

Sponsored [Create an Ad](#)

IMDb

The Internet Movie Database

Search All

Movies TV News Videos Community IMDbPro

Rock (1996)
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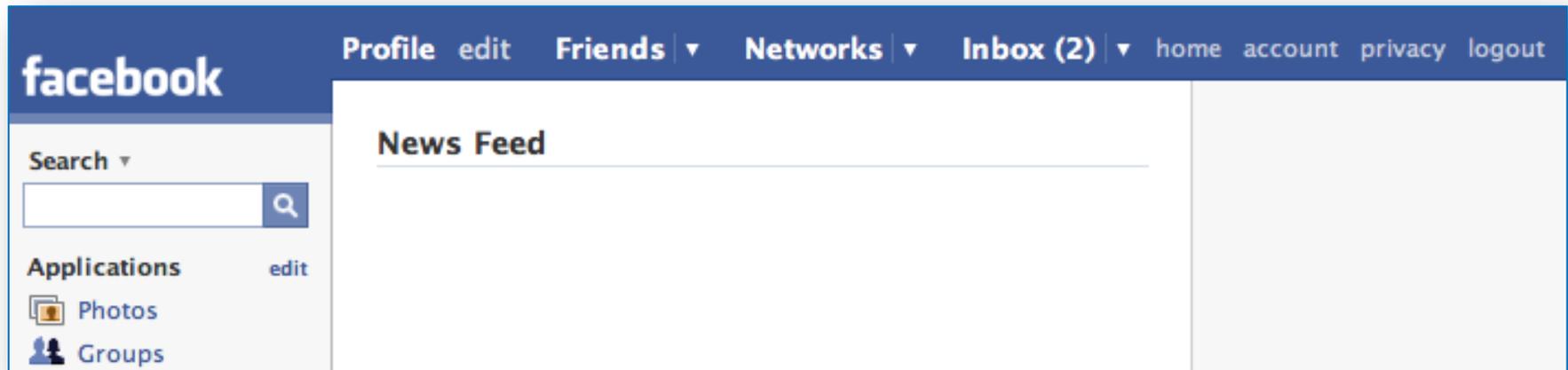
[Watch Trailer](#)

Quick Links:

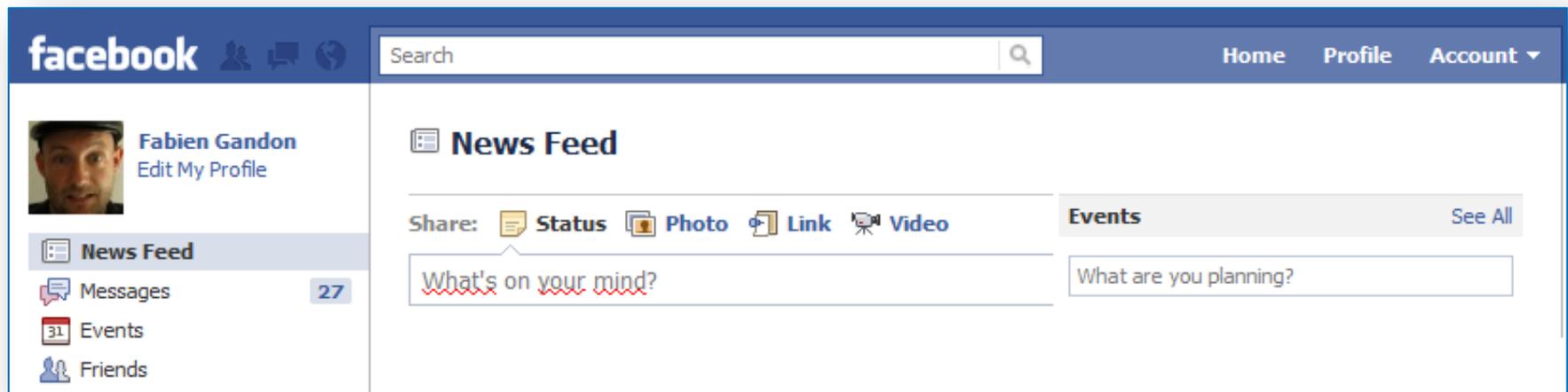
Share this page: [f](#) [t](#) [g+](#)

[f](#) Like [f](#) 5,575 people like this.

changing interface...



This screenshot shows the old Facebook interface. The top navigation bar is dark blue with the 'facebook' logo on the left and links for 'Profile edit', 'Friends', 'Networks', 'Inbox (2)', 'home', 'account', 'privacy', and 'logout' on the right. Below the navigation bar is a search box with a magnifying glass icon. To the left of the main content area is a sidebar with 'Applications' and 'edit' link, and links for 'Photos' and 'Groups'. The main content area is titled 'News Feed' and is currently empty.



This screenshot shows the new Facebook interface. The top navigation bar is dark blue with the 'facebook' logo on the left and icons for 'Home', 'Profile', and 'Account' on the right. Below the navigation bar is a search box. The left sidebar shows the user's profile picture and name 'Fabien Gandon' with a link to 'Edit My Profile'. Below the profile is a navigation menu with 'News Feed', 'Messages' (27), 'Events', and 'Friends'. The main content area is titled 'News Feed' and features a 'Share:' section with options for 'Status', 'Photo', 'Link', and 'Video'. Below the share options is a text input field with the placeholder text 'What's on your mind?'. To the right of the text input field is an 'Events' section with a 'See All' link and a text input field with the placeholder text 'What are you planning?'.

Google 
crowdsourcing



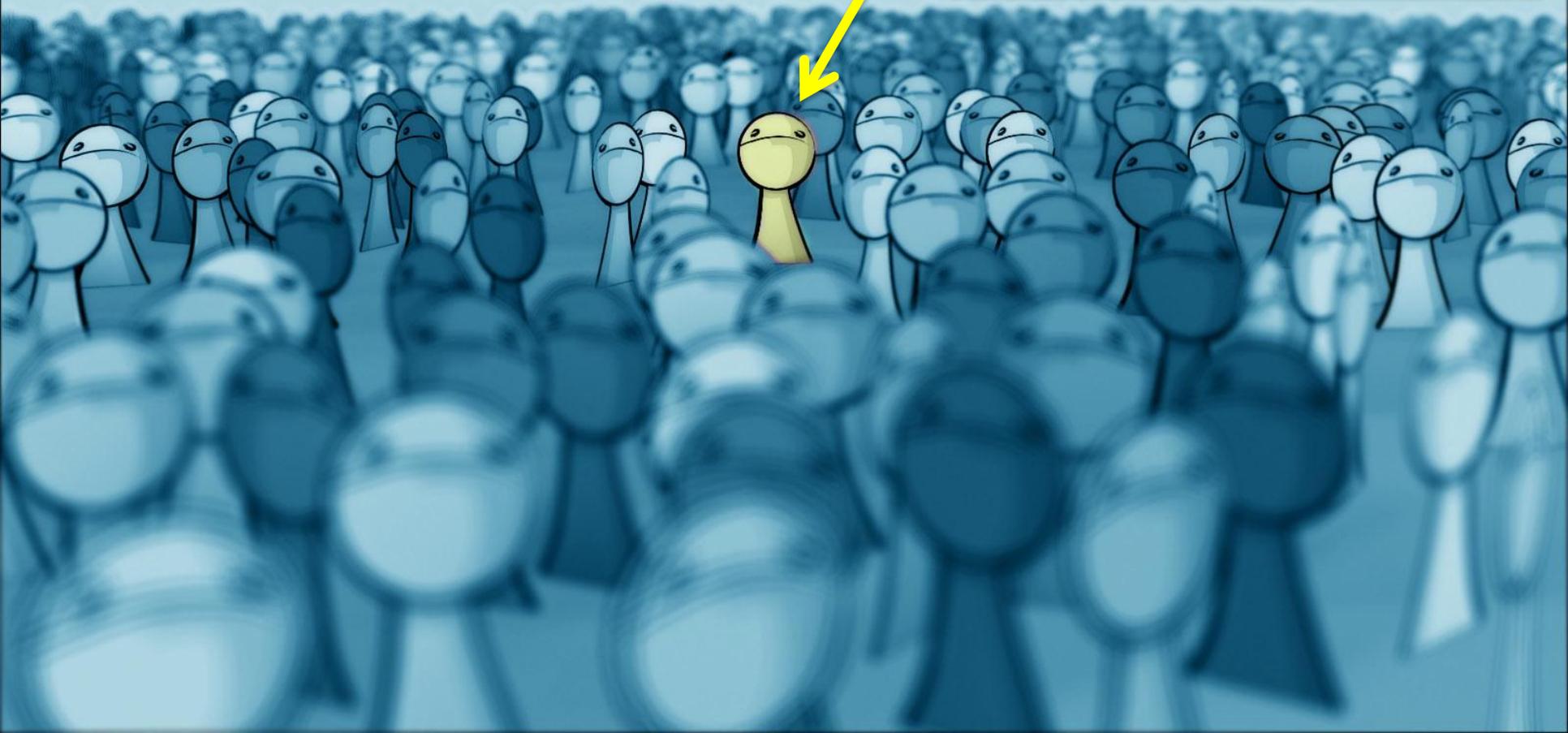
crawling & indexing
affiliation social sub-networks

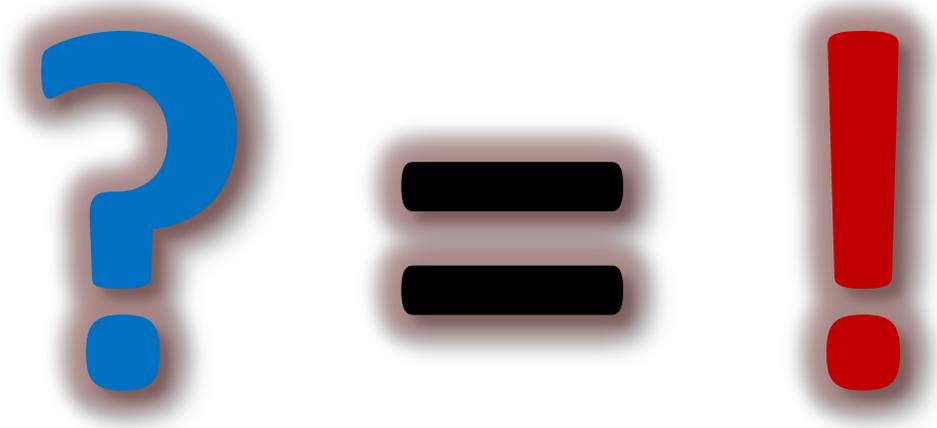
Linked  

nos questions sont leurs données

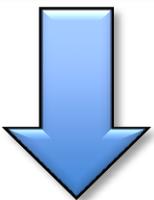
montre moi ce que tu cherches et je saurai qui tu es

il cherche « bmw »,
« mahler » et « gay »





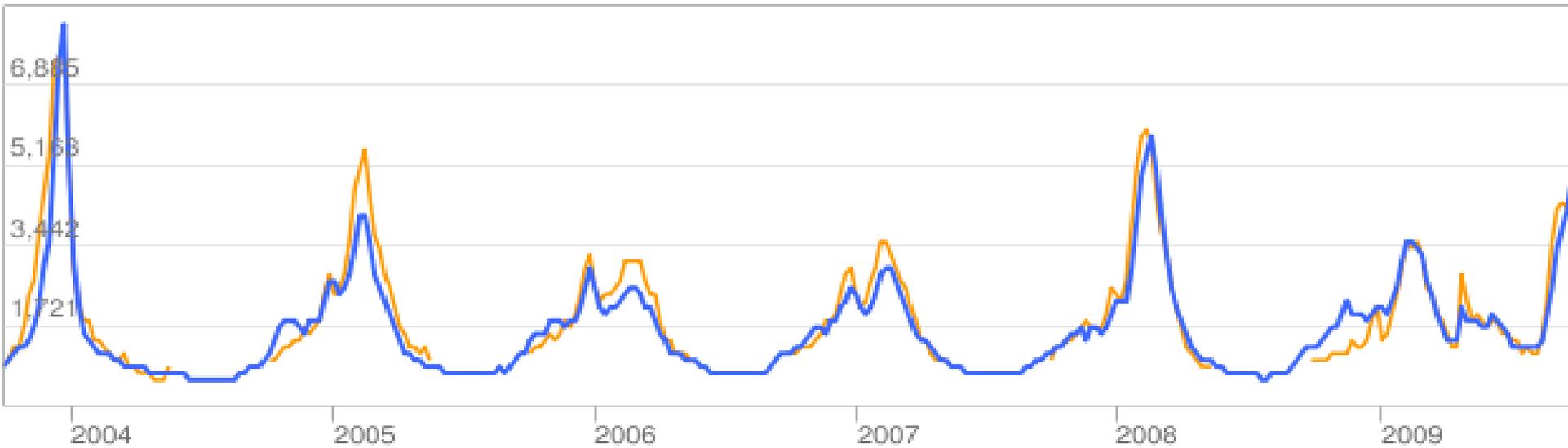
BMW  Advanced search



« Je m'intéresse aux BMW »



Allo Google ? C'est la Noiraude...

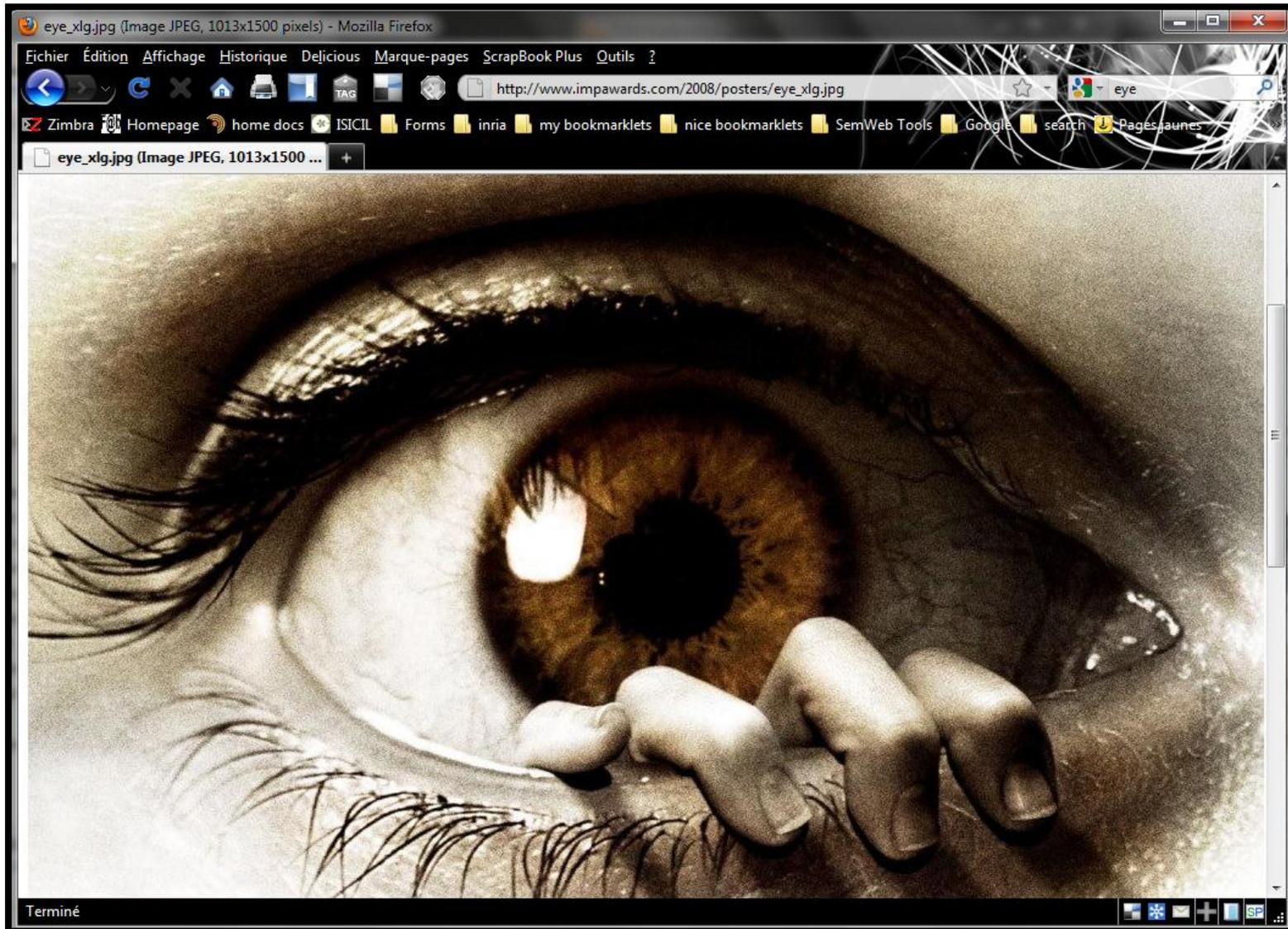


United States Flu Activity - Influenza estimate

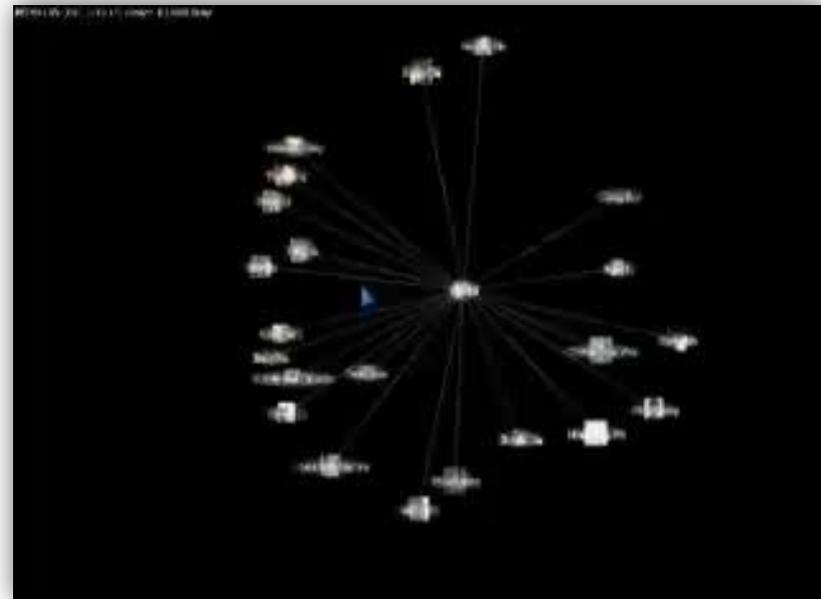
● Google Flu Trends

● U.S. Centers for Disease Control.

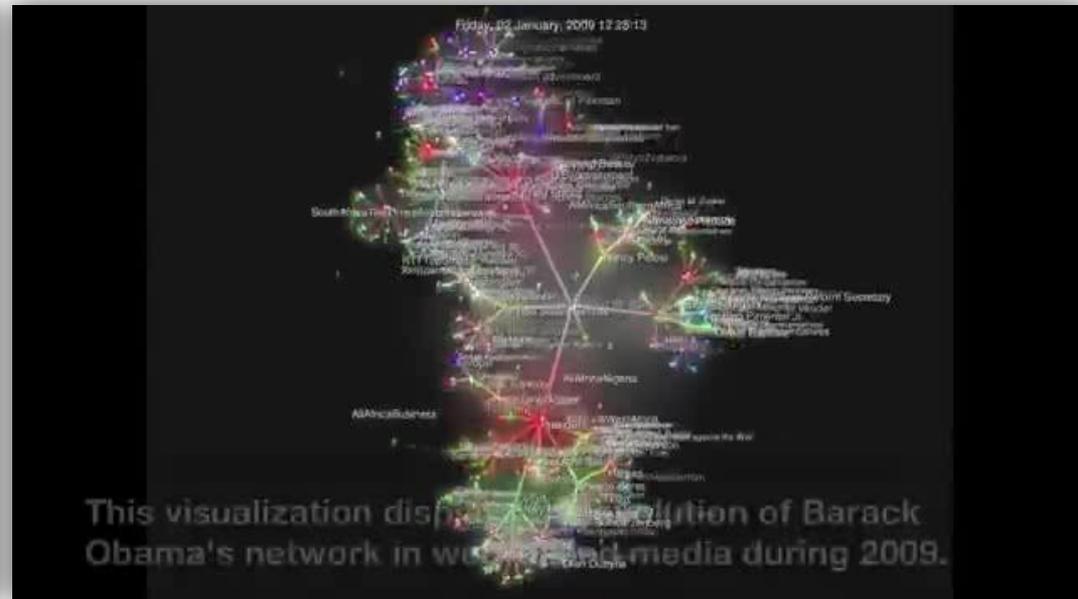
big *br* *wser*



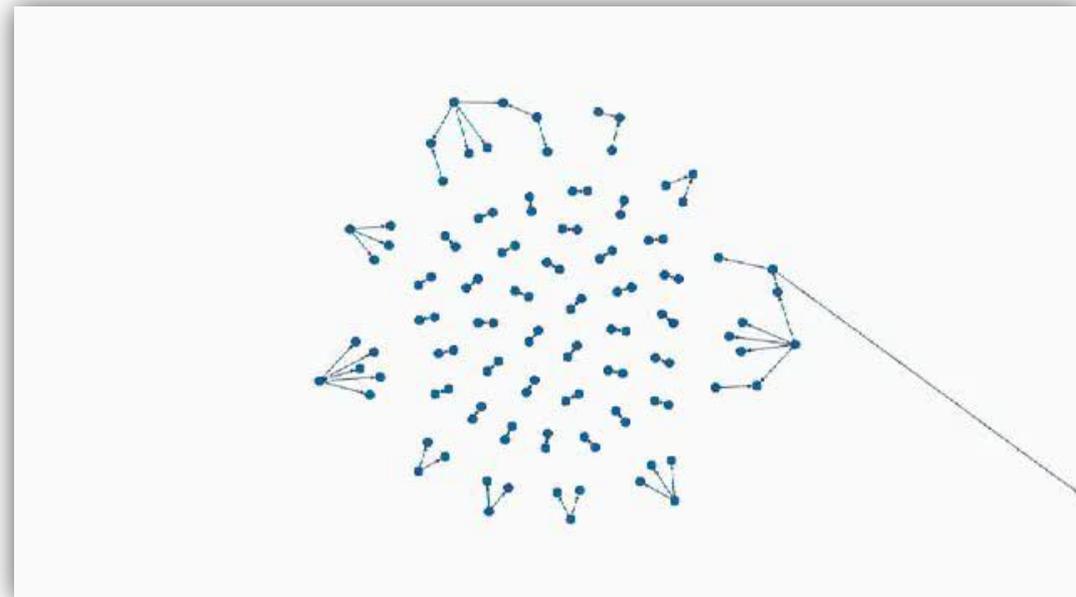
analyse réseaux sociaux web 2.0 & dynamique



© FriendViz



© Obama's network, Recorded Future



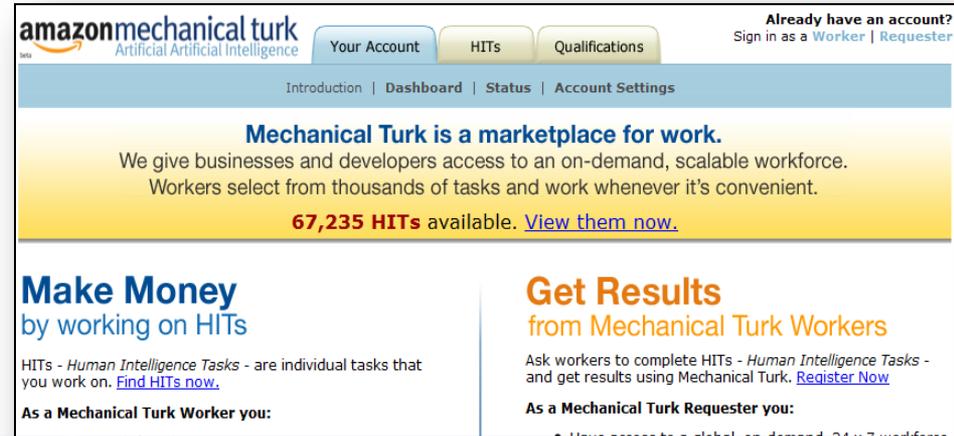
© Egyptian Revolution on Twitter, A. Panisson, Gephi



© Facebook

des jeux utiles au *crowdsourcing*

le web comme une plateforme d'externalisation distribuée de masse.

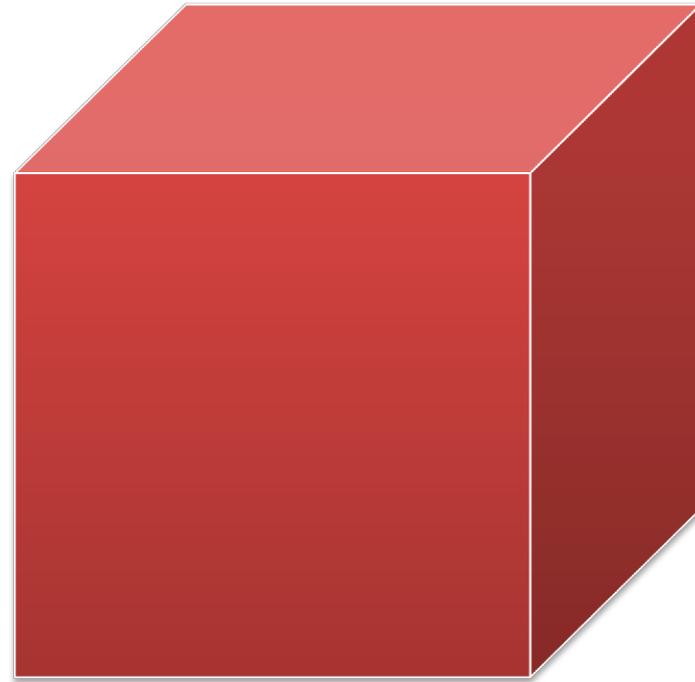


temps facebook

16.2 millions secondes/seconde

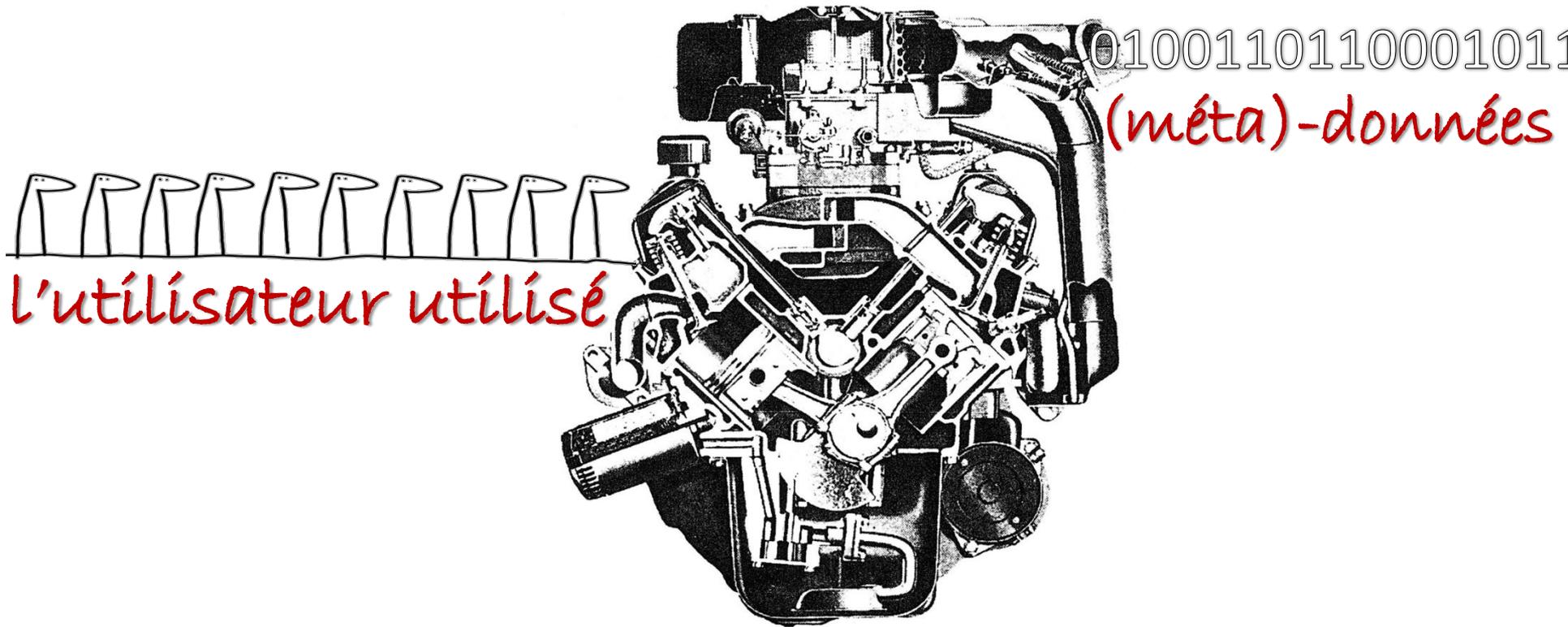


x 16 203 703



253

Le web comme une
machine universelle
de moteurs à pulsions



Search for: #iswc OR #iswc11 OR #iswc

Get Latest

Save

Export To Excel

Reset

**fabien_gandon**

+1 to @FrankVanHarmeLe reminding the fact that a new version of a standard doesn't mean the previous one was a failure #iswc2011 #deathmatch

10/26/2011 5:16:46 PM

**lysander07**

RT @sofiangeletou: Congratulations to @mattroweshow for winning the outstanding paper award! #iswc2011 #swj #kmiou <http://t.co/FIGOwHBE>

10/26/2011 5:16:08 PM

**realpoirot**

RT @laroyo: @FrankVanHarmeLe developing standards is a process - the old ones should not be declared as a failure #deathmatch #iswc2011

10/26/2011 5:15:33 PM

**RinkeHoekstra**

RT @juansequeda Ian Horrocks: When the standards started, the web was a green field and then it exploded. #deathmatch #iswc2011

10/26/2011 5:15:24 PM

**sofiangeletou**

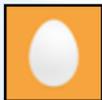
Congratulations to @mattroweshow for winning the outstanding paper award! #iswc2011 #swj #kmiou <http://t.co/FIGOwHBE>

10/26/2011 5:15:19 PM

**tmarkus**

RT @ak07: "Academics building standards may be a problem for general acceptance." via @ivan_herman W3C #ISWC2011 #DeathMatch

10/26/2011 5:15:19 PM

**smiysmiysmiy**

@FrankVanHarmeLe re. "10 yrs is fast any field" - Agreed! Absolutely! - So, be patient :) #deathmatch #iswc2011 #linkeddata #semanticweb

10/26/2011 5:14:50 PM

**danbri**

RT @fabien_gandon: #iswc2011 #deathmatch Chris Welty: schema.org is a success, the syntax is not that important

10/26/2011 5:14:39 PM

**gothwin**

RT @juansequeda: Ian Horrocks: When the standards started, the web was a green field and then it exploded. #deathmatch #iswc2011

10/26/2011 5:14:07 PM

**gklyne**

RT @ak07: "Academics building standards may be a problem for general acceptance." via @ivan_herman W3C #ISWC2011 #DeathMatch

10/26/2011 5:13:59 PM

**Philipp_Mayr**

RT @AxelPolleres: @mfhepp doing the "bad guy" really well at #iswc2011 #deathmatch

Last Update: 27/10/2011 15:40

You've been rate limited.

The Archivist will look for new tweets once every five



nouvelles conférences

- suivre l'ensemble de la conférence
- percevoir les avis, réactions, questions
- interroger, réagir
- compléter, traduire, augmenter

socialité centrée objet



- objets cristallisant une activité sociale
- *bis repetita placent...* « online or invisible »
- médiathèque sociale (vidéos, images, etc.)
 - commentaires, tagging, etc. site ouvert à tous
 - contributions ouvertes en interne
- « e-CRDP »
 - cartographie intervenants et matériels pédagogiques
 - ex. un compte slideshare, service interne... **+ animation**
- interstice socialisé: réactions, tagging, etc.

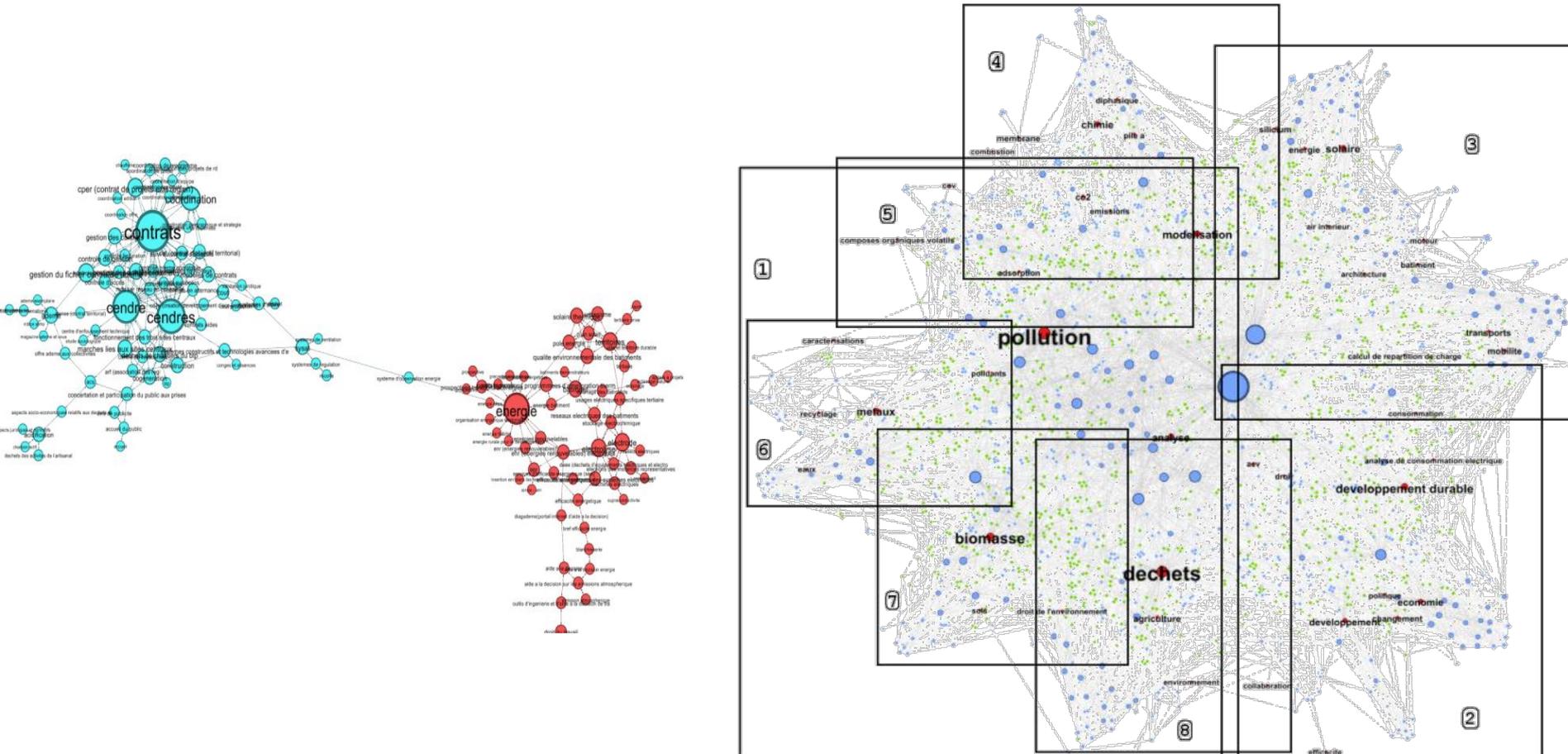
au-delà du Buzz



- orchestrer la communication et sa contagion
- gérer notre présence en ligne
- faire explicitement appel au peuple
(sondages, campagnes de test, etc.)
- faire implicitement appel au peuple
(tagging, bookmarking, etc.)
- cartographie interne et externe de nos réseaux

ex. Ademe

- 1 pollution ;
- 2 développement durable ;
- 3 énergie ;
- 4 chimie ;
- 5 pollution de l'air ;
- 6 métaux ;
- 7 biomasse ;
- 8 déchets.

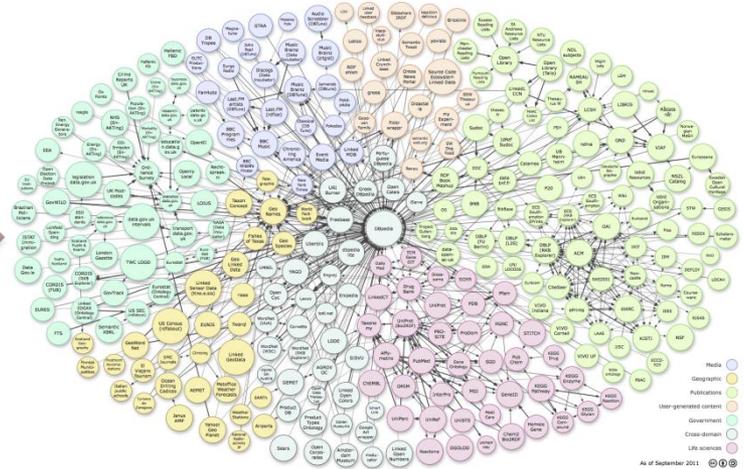


contrôle d'accès (sémantique et social)

[Villata et al.]



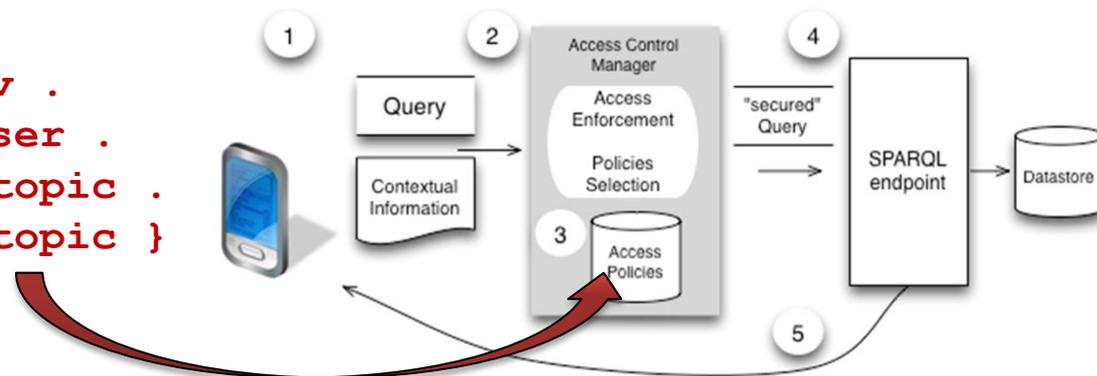
utilisateur



As of September 2011

ex. seulement mes collègues
travaillant sur le même sujet

```
ASK{ ?res dcterms:creator ?prov .  
      ?prov rel:hasColleague ?user .  
      ?prov foaf:interestedBy ?topic .  
      ?user foaf:interestedBy ?topic }
```



sémantique à double tranchant

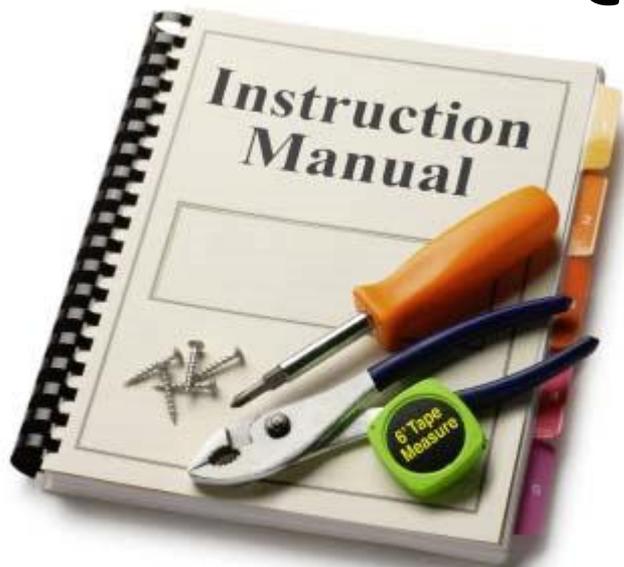
```
CONSTRUCT { ?photo sendTo ?x }  
WHERE { #me family{1,2} ?x }
```



```
SELECT ?x  
WHERE { ?x language #French .  
        ?x interestedIn #SemWeb .  
        ?x interestedIn #Improv . }
```

annoter les

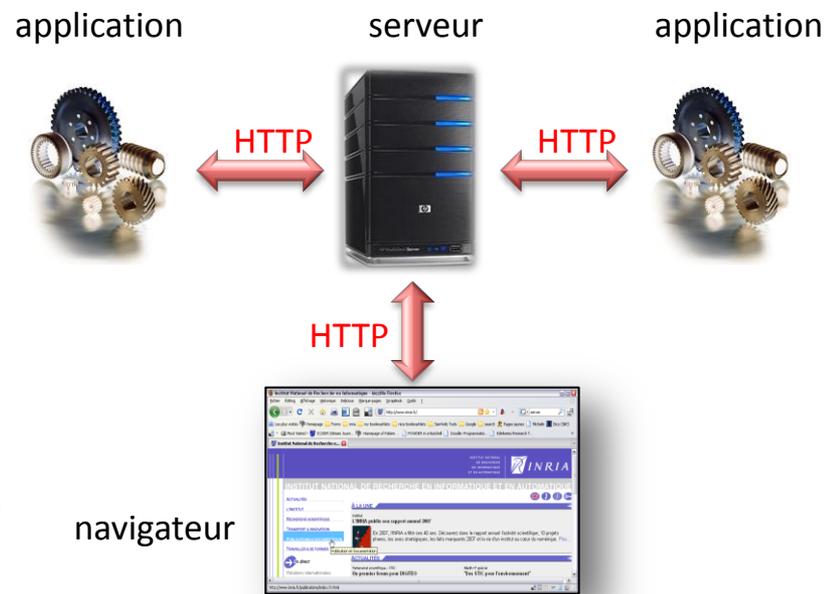
logiciels





SAWSDL

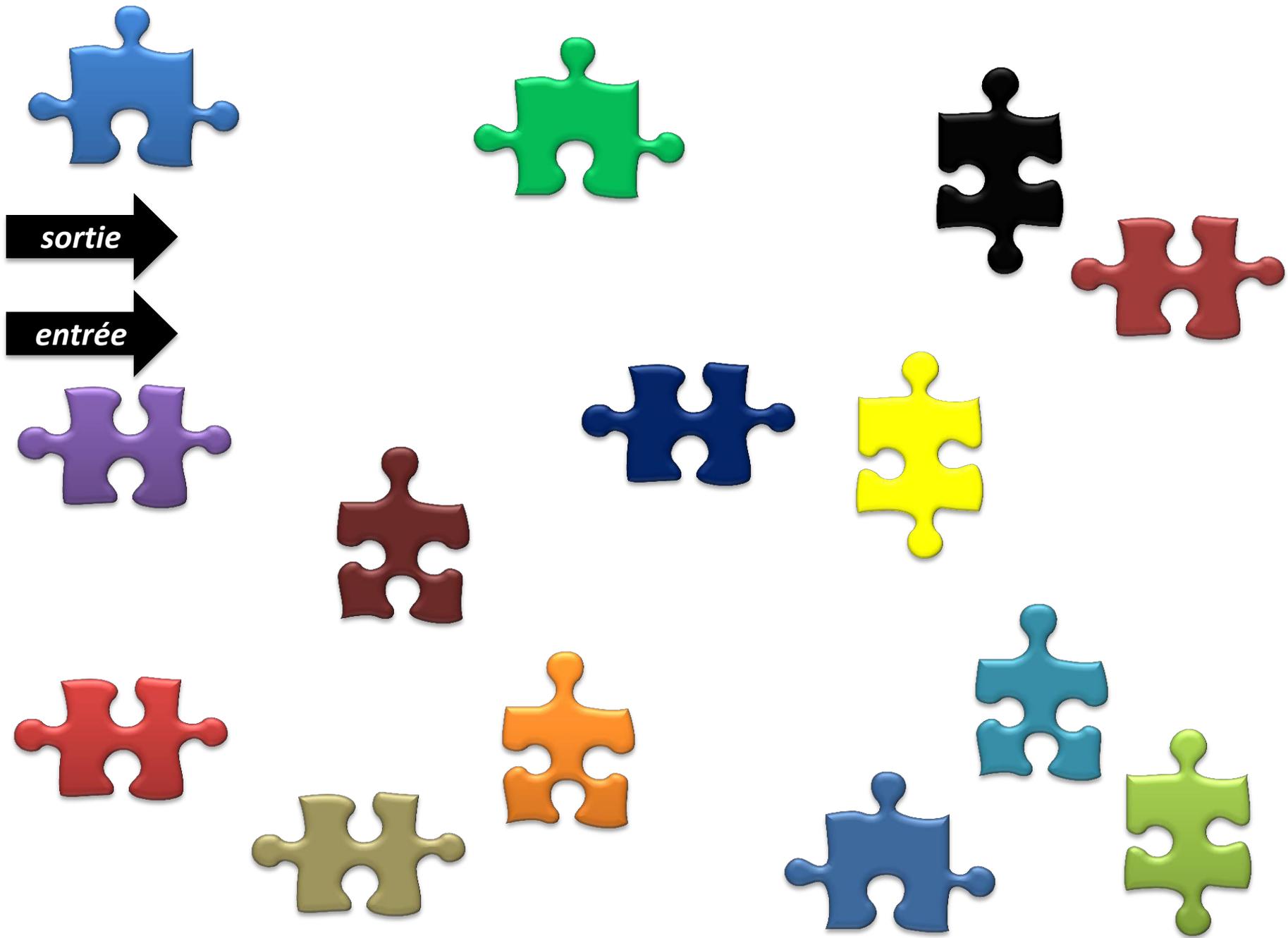
semantic annotation of WSDL (W3C Rec. 2007)



nos algorithmes en ligne

- fournisseurs de services de haut niveau (bibliothèque, QoS, certification, etc.)
- démonstrateurs / testeurs
ex. traitement d'image
- services, API et widgets
- galerie, maintenance,





Search...

[\(Advanced search\)](#)
[Reload](#)
[Ontology](#)
[Rules](#)
[Query](#)

Query...

- [Main \(en\)](#)
- [Main \(fr\)](#)
- [Search](#)
- [Team](#)
- [Apply](#)
- [Table](#)
- [Skill](#)
- [All](#)
- [XML doc](#)
- [Direct](#)
- [Direct RDF](#)
- [Edit](#)
- [Update](#)

Corporate Semantic Webs

Style Display List

Service

Describe
 Category group count

Find a Service

Describe
 Input
 Output

Atomic Process

Describe
 Atomic Process group count

Composite Process

Describe

Context: table

Search



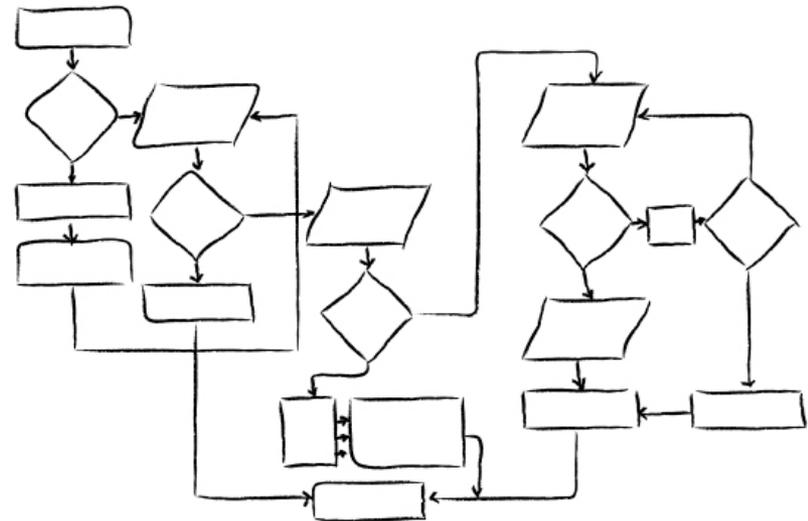
employee



assistant

workflows scientifiques

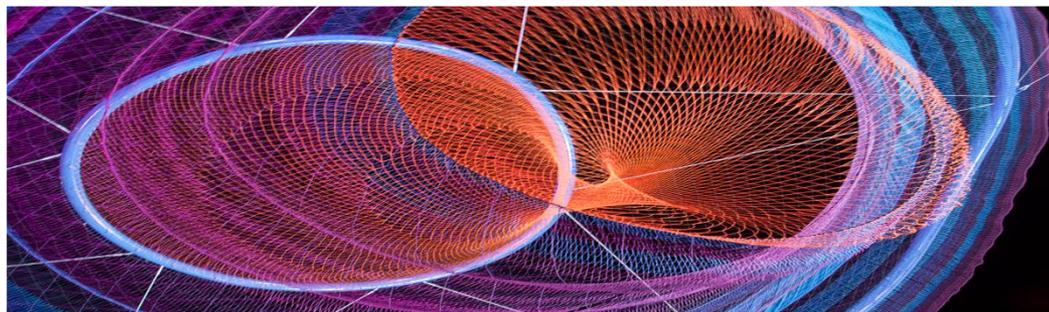
- composer des données et traitements distribués
- échanger et comparer les traitements et leurs compositions





le web est dans l'air.

Janet Echelman, "Her Secret is Patience", Civic Space Park,
Phoenix, AZ, USA, 2009





réalité augmentée par le web

accès mobile au web de données



Mobile



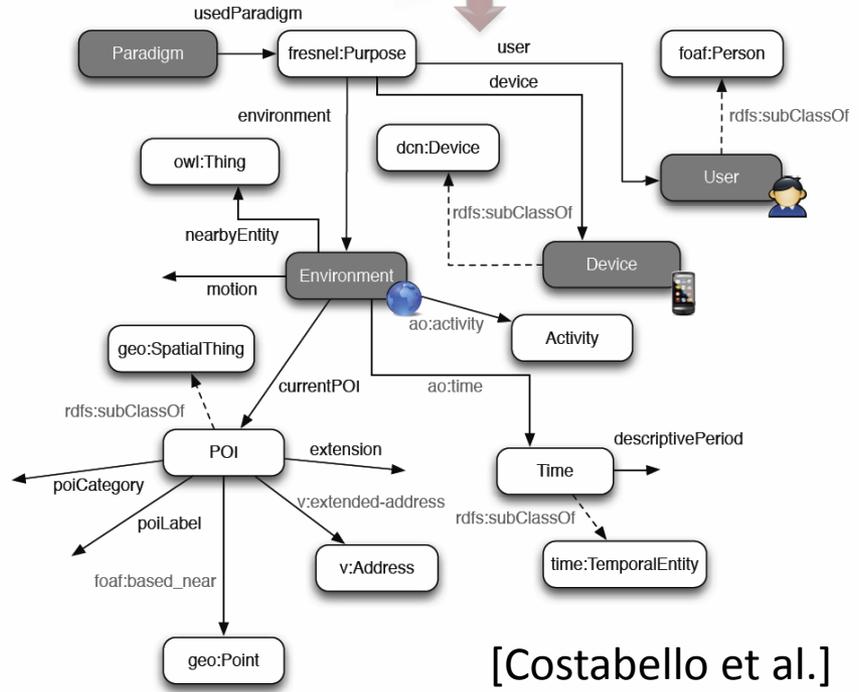
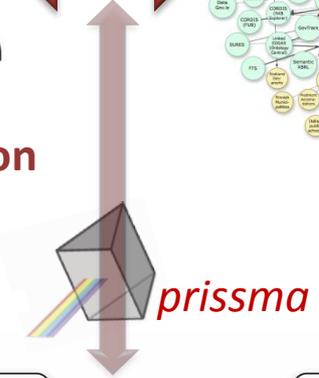
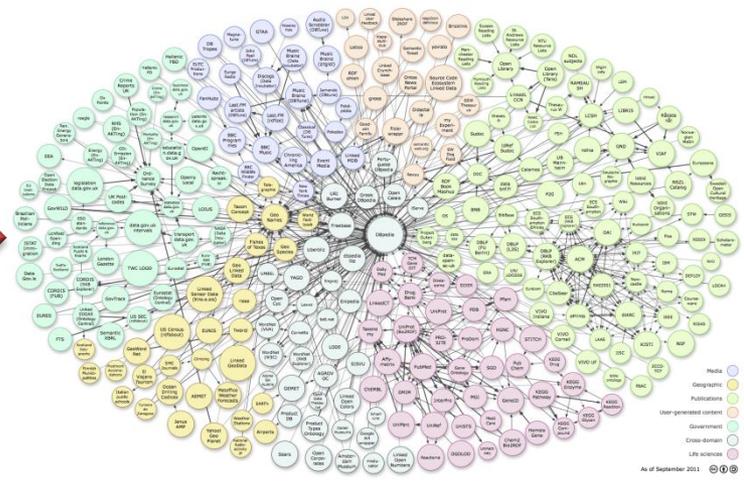
Web de Données



Contexte



Interaction

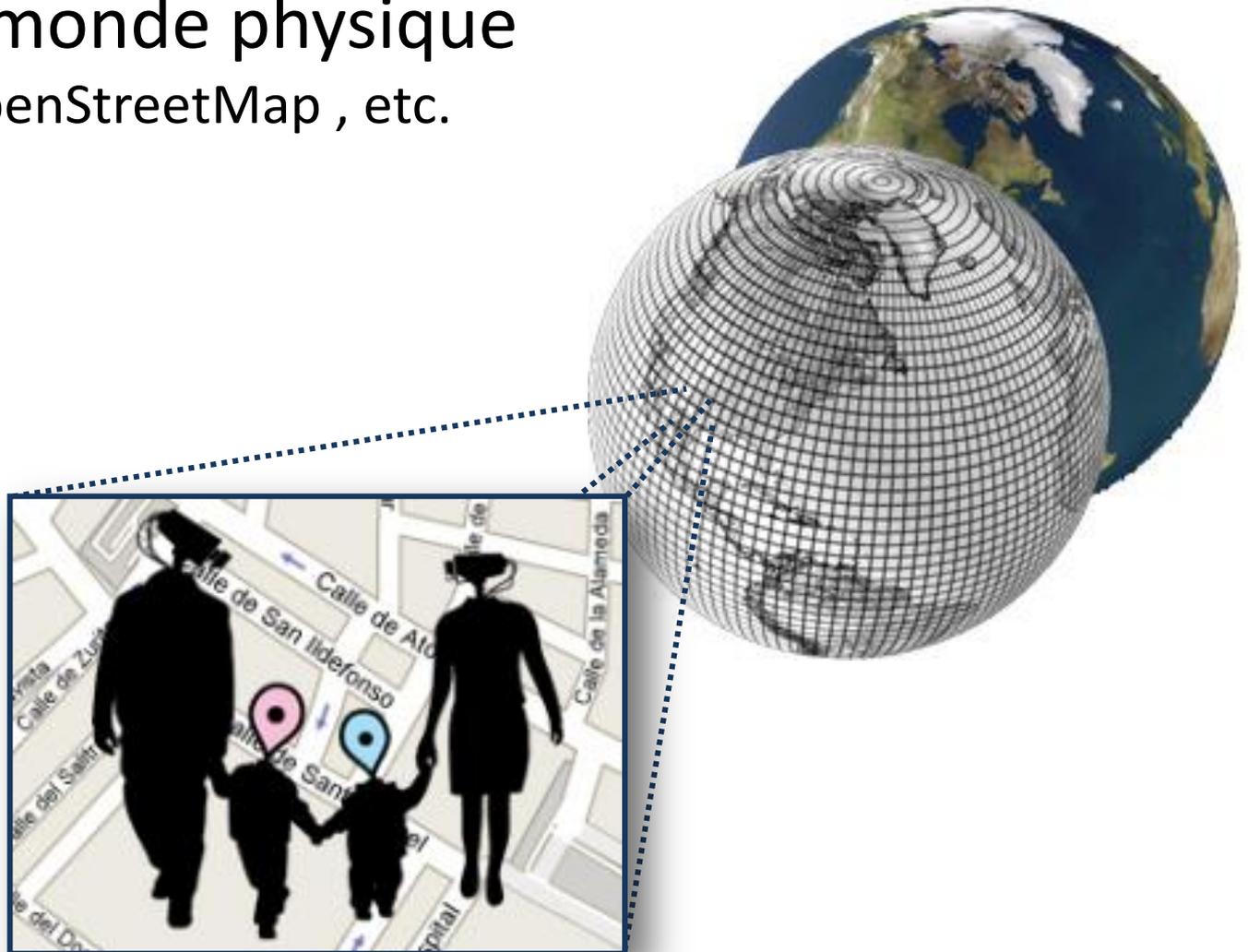


[Costabello et al.]

chaque utilisateur est un détecteur

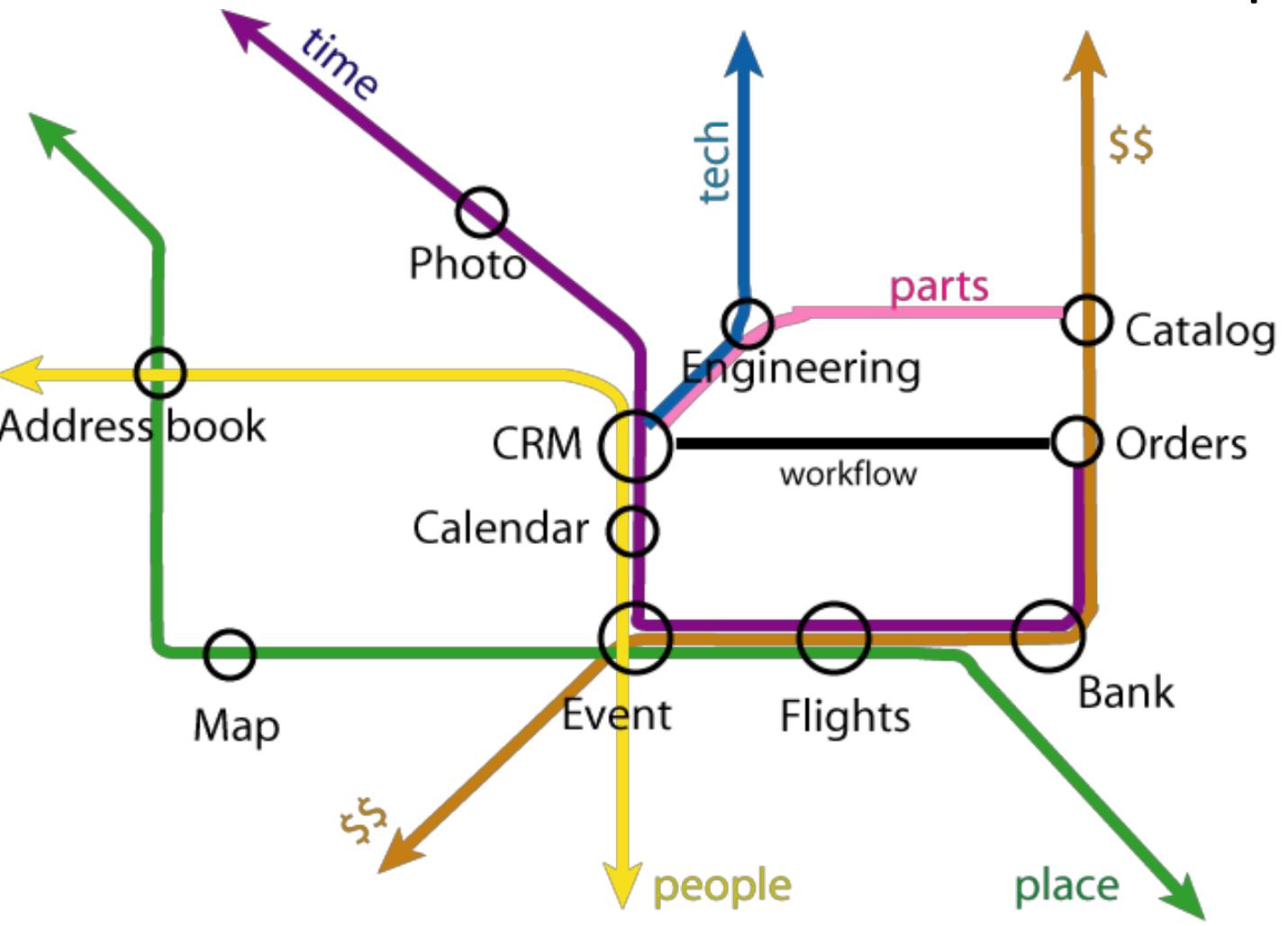
web de « consommateurs » mobiles, « *crawlers* »
du web & du monde physique

ex. Wikimapia, OpenStreetMap , etc.



une toile de données multiples

entre différents barreaux de l'échelle des sphères

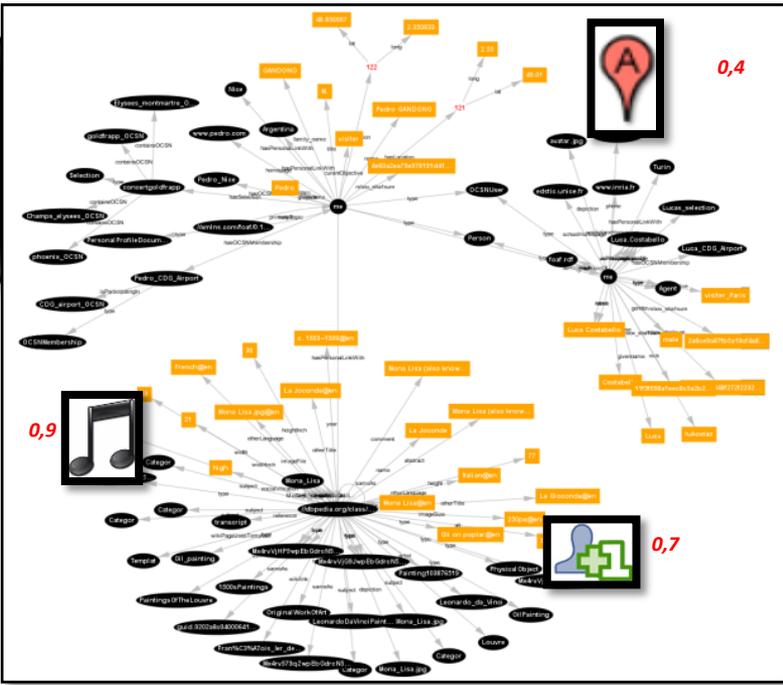
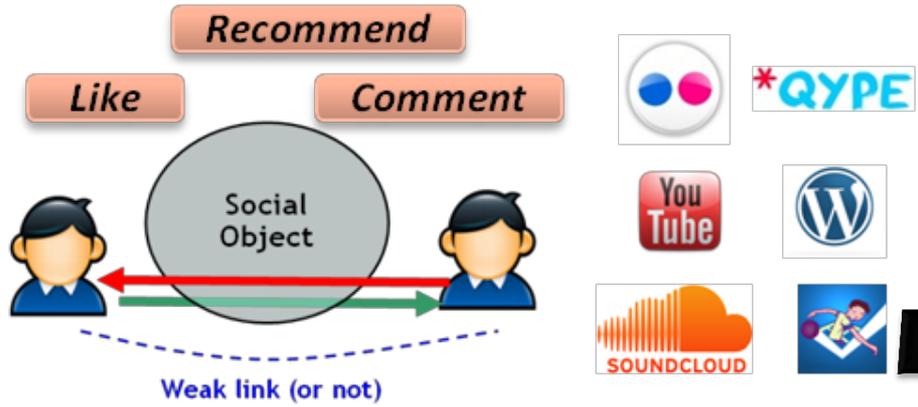


notification contextuelle

propagation des intérêts pour la suggestion



[Marie et al.]



HELLO

my name is

fabólen

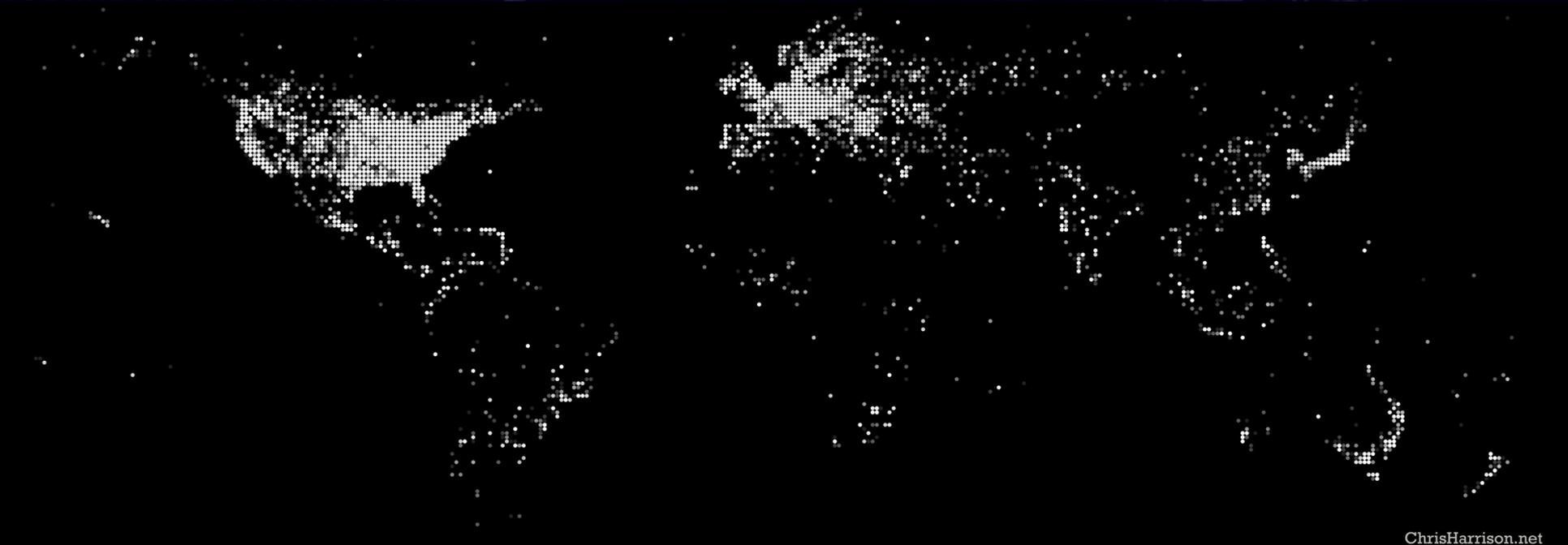
RFID&URI

ex. Live Social Semantics



NASA ©

Connectivité Internet...



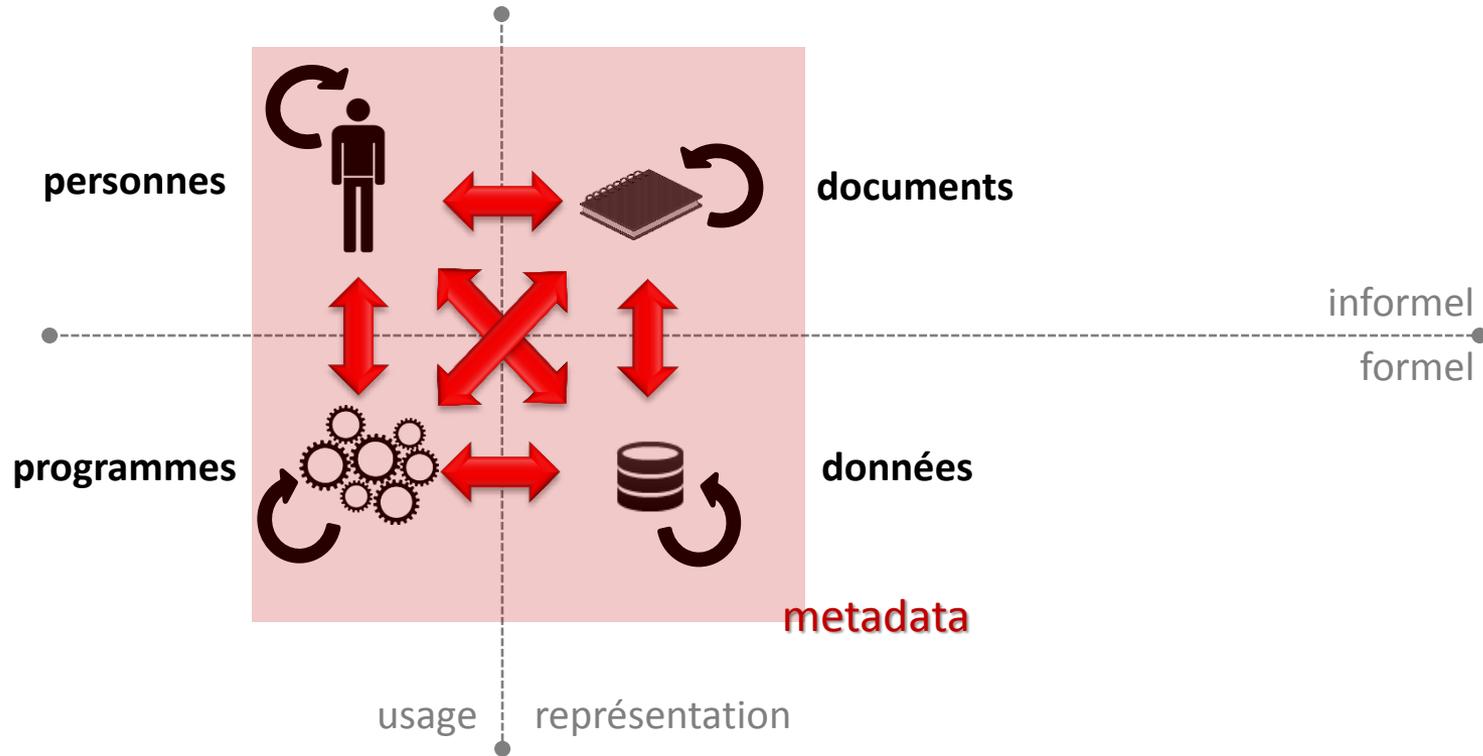
ChrisHarrison.net



doggy-bag
de la présentation

un et un seul web...

un espace unique dans tous les sens du terme



- penser le site en terme de ressources
- la réponse n'est plus forcément un document
- l'intraweb est aussi important
connaissons-nous nous-mêmes !
- animer nos communautés internes et externes

Web Applications

- XHTML
- SVG CDF
- SMIL
- XForms
- CSS XSL
- WICD

Mobile

- XHTML Basic
- Mobile SVG
- SMIL Mobile
- XForms Basic
- CSS Mobile
- MWI BP

Voice

- VoiceXML
- SRGS
- SSML
- CCXML
- EMMA

Web Services

- SOAP
- MTOM
- WSDL
- WS-CDL
- WS-A

Semantic Web

- OWL
- SKOS
- GRDDL
- RDFa
- POWDER
- RIF

Privacy, Security

- P3P
- APPEL
- XML Sig
- XML Enc
- XKMS

Web Accessibility / Internationalization / Device Independence / Mobile Access / Quality Assurance

XML, Namespaces, Schemas, XQuery/XPath, XSLT, DOM, XML Base, XPointer, RDF/XML, SPARQL

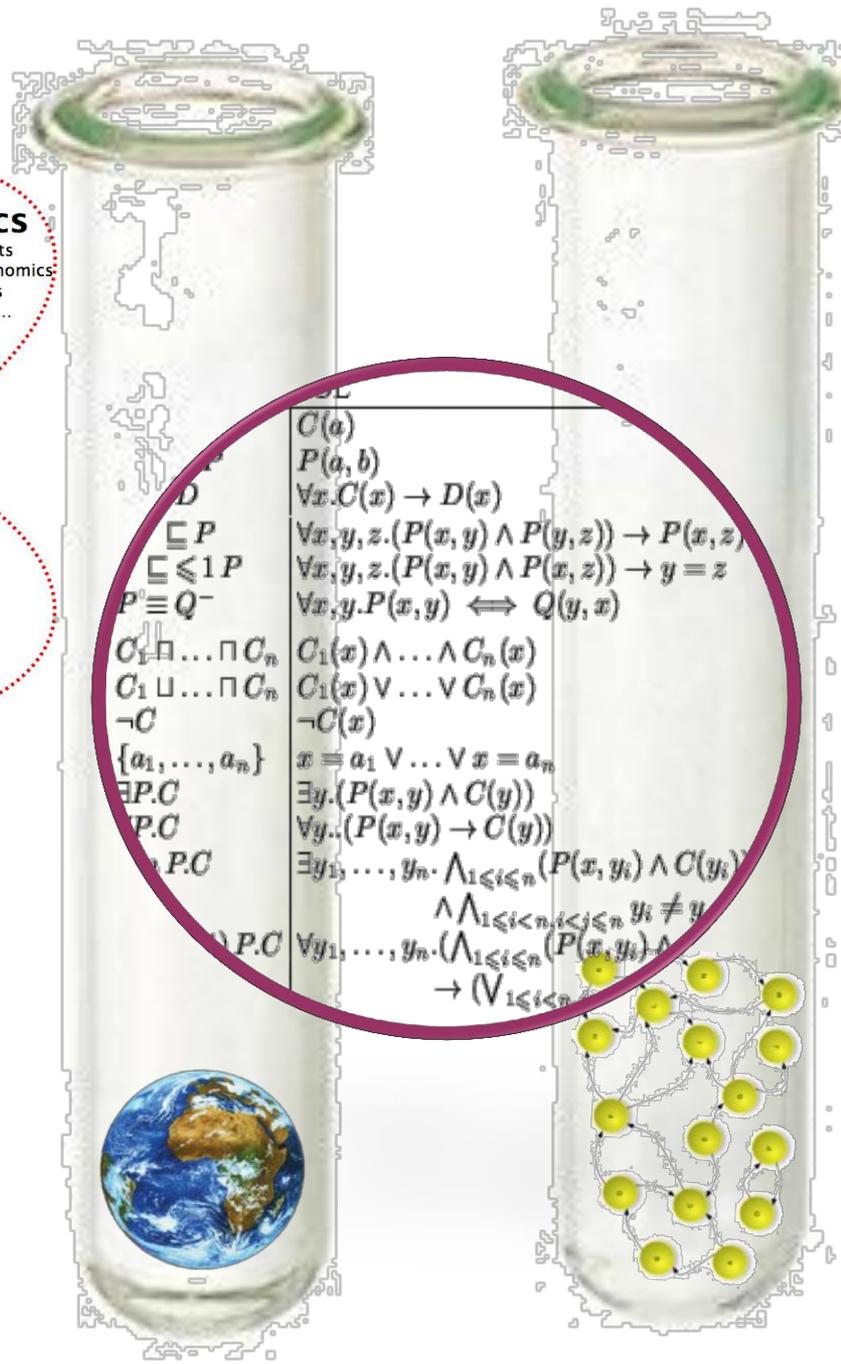
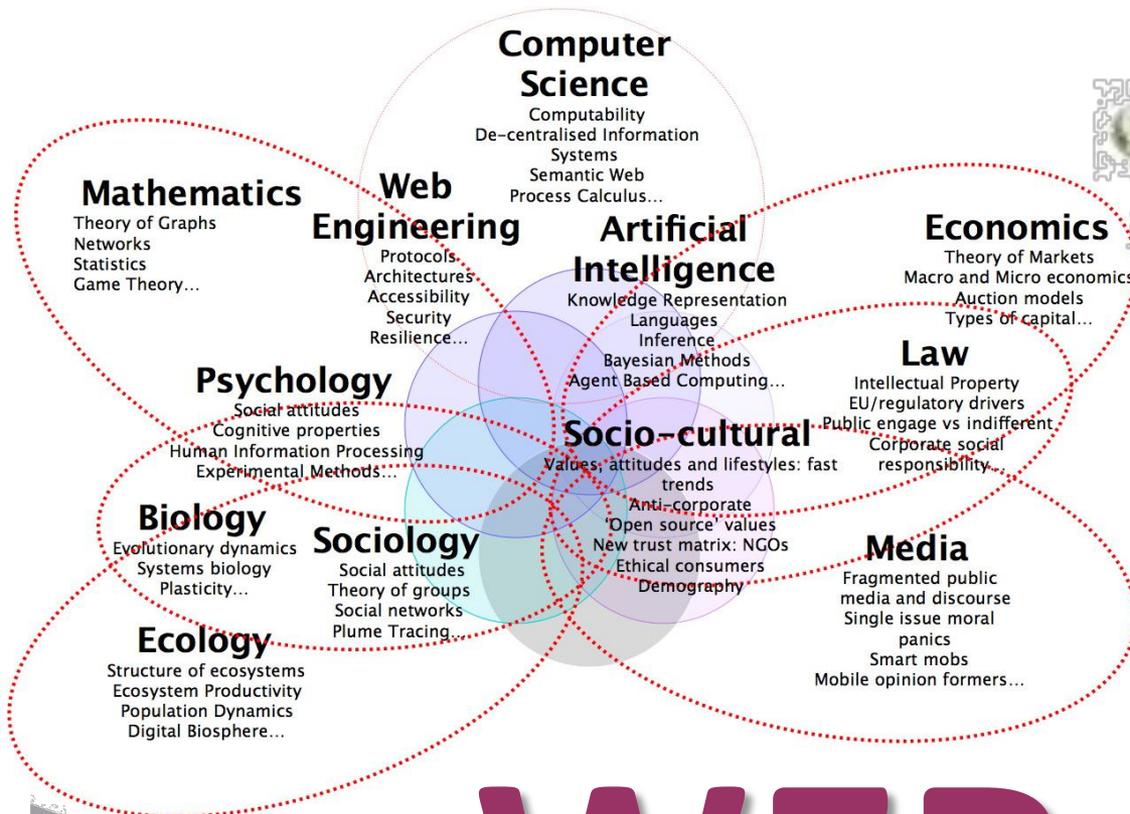
XML Infoset, RDF(S) Graph

Web Architectural Principles

URI/IRI, HTTP

One Web

Internet



WEB science

What is WWW2012?

- 21st International World Wide Web Conference
- a "A rated" scientific conference
~12% acceptance & 1000-1500 participants
- Lyon- France from 16t to 20th April 2012



RESEARCHERS



USERS

INDUSTRIALS



www2012.org

@[www2012Lyon](https://twitter.com/www2012Lyon)

demain, celui qui contrôlera les métadonnées,
contrôlera le web.

