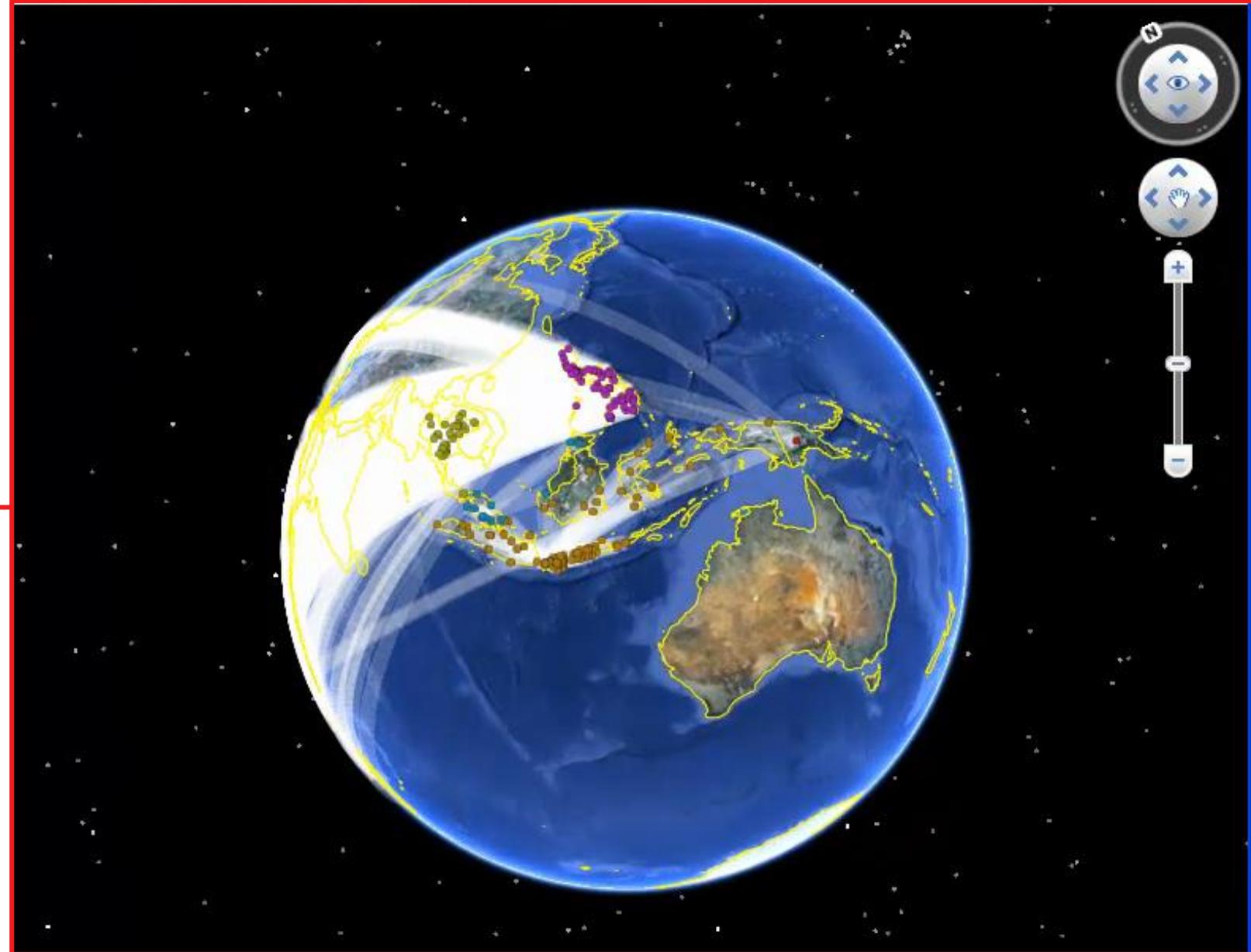


LINKING DATA AND PEOPLE ON A SEMANTIC WEB



Fabien GANDON, @fabien_gandon <http://fabien.info>

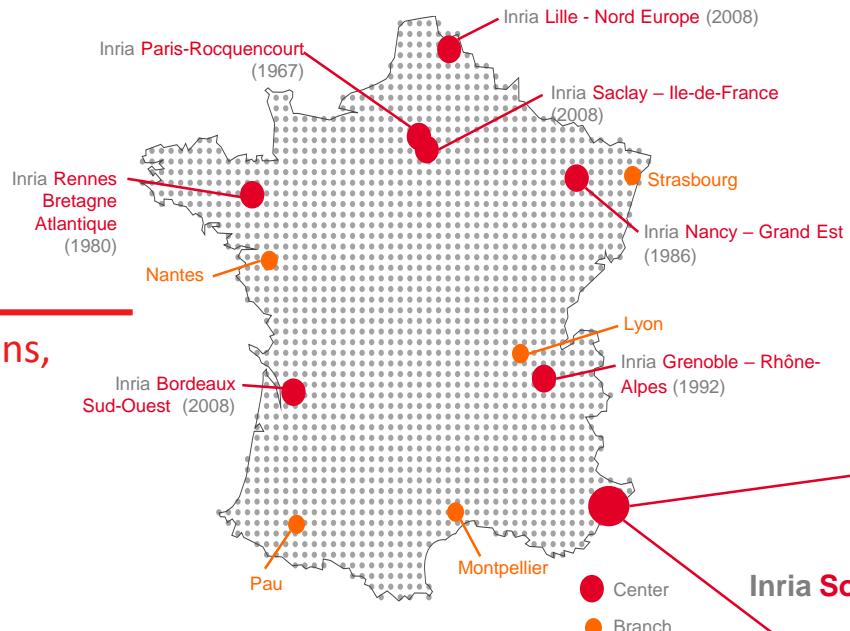


WIMMICS TEAM

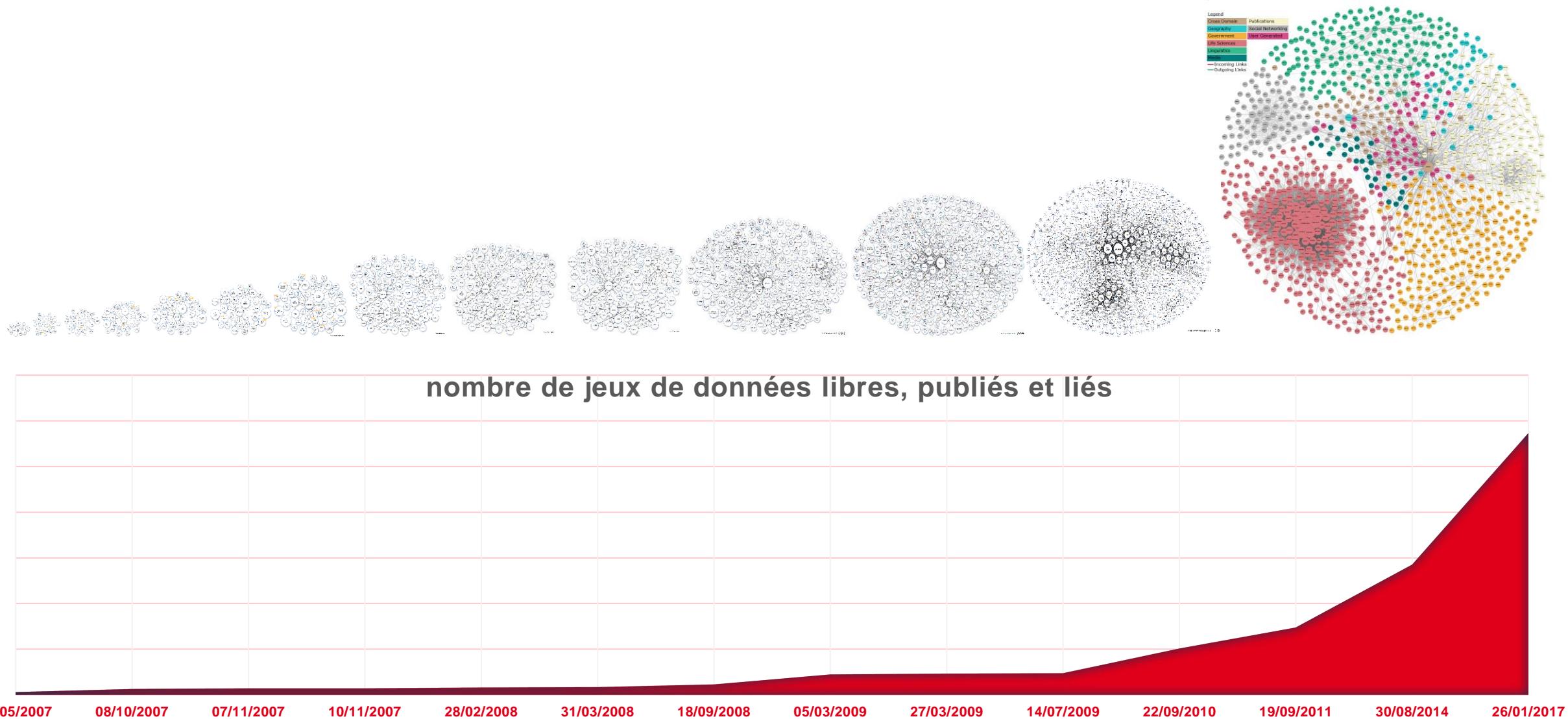
Web-Instrumented Man-Machine Interactions,
Communities and Semantics

- Inria
- CNRS
- UCA, Univ. Nice

I3S

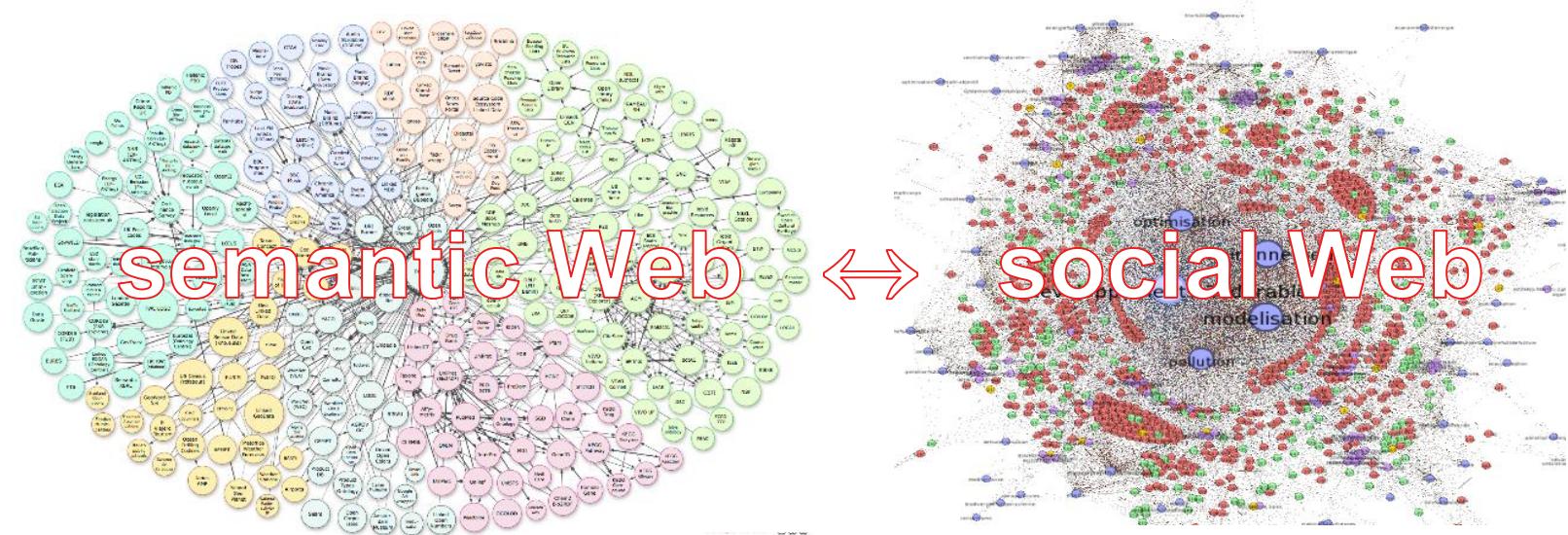


linked open data(sets) on the Web



CHALLENGE

to bridge social semantics and
formal semantics on the Web



MULTI-DISCIPLINARY TEAM

- 41 members 2016, 50 in 2015
- 14 nationalities
- 1 DR, 3 Professors
- 3CR, 4 Assistant professors
- 1 SRP

DR/Professors:

- Fabien GANDON, Inria, AI, KR, Semantic Web, Social Web
- Nhan LE THANH, UNS, Logics, KR, Emotions
- Peter SANDER, UNS, Web, Emotions
- Andrea TETTAMANZI, UNS, AI, Logics, Agents,

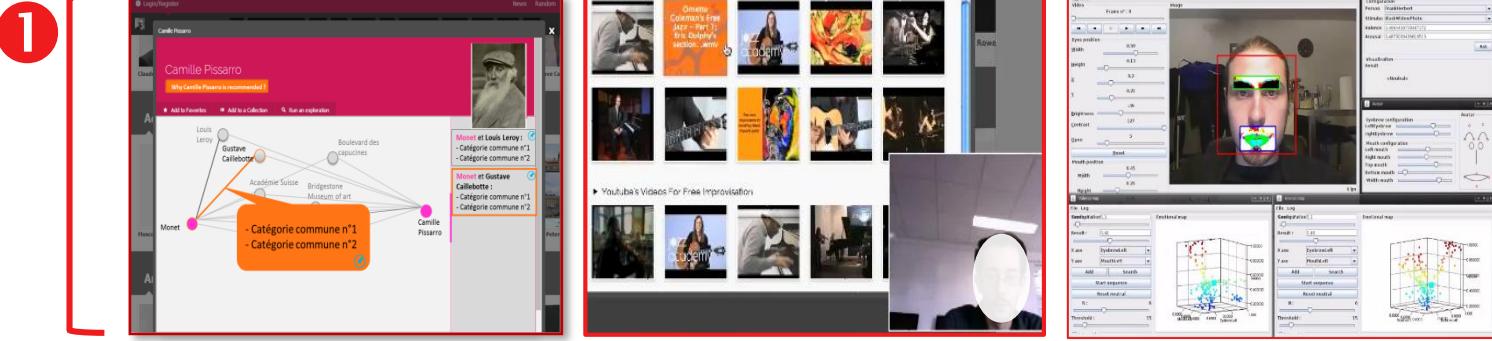
CR/Assistant Professors:

- Michel BUFFA, UNS, Web, Social Media
- Elena CABRIO, UNS, NLP, KR, Linguistics
- Olivier CORBY, Inria, KR, AI, Sem. Web, Programming, Graphs
- Catherine FARON-ZUCKER, UNS, KR, AI, Semantic Web, Graphs
- Alain GIBOIN, Inria, Interaction Design, KE, User & Task models
- Isabelle MIRBEL, UNS, Requirements, Communities
- Serena VILLATA, CNRS, AI, Argumentation, Licenses, Rights

Inria Starting Position: Alexandre MONNIN, Philosophy, Web

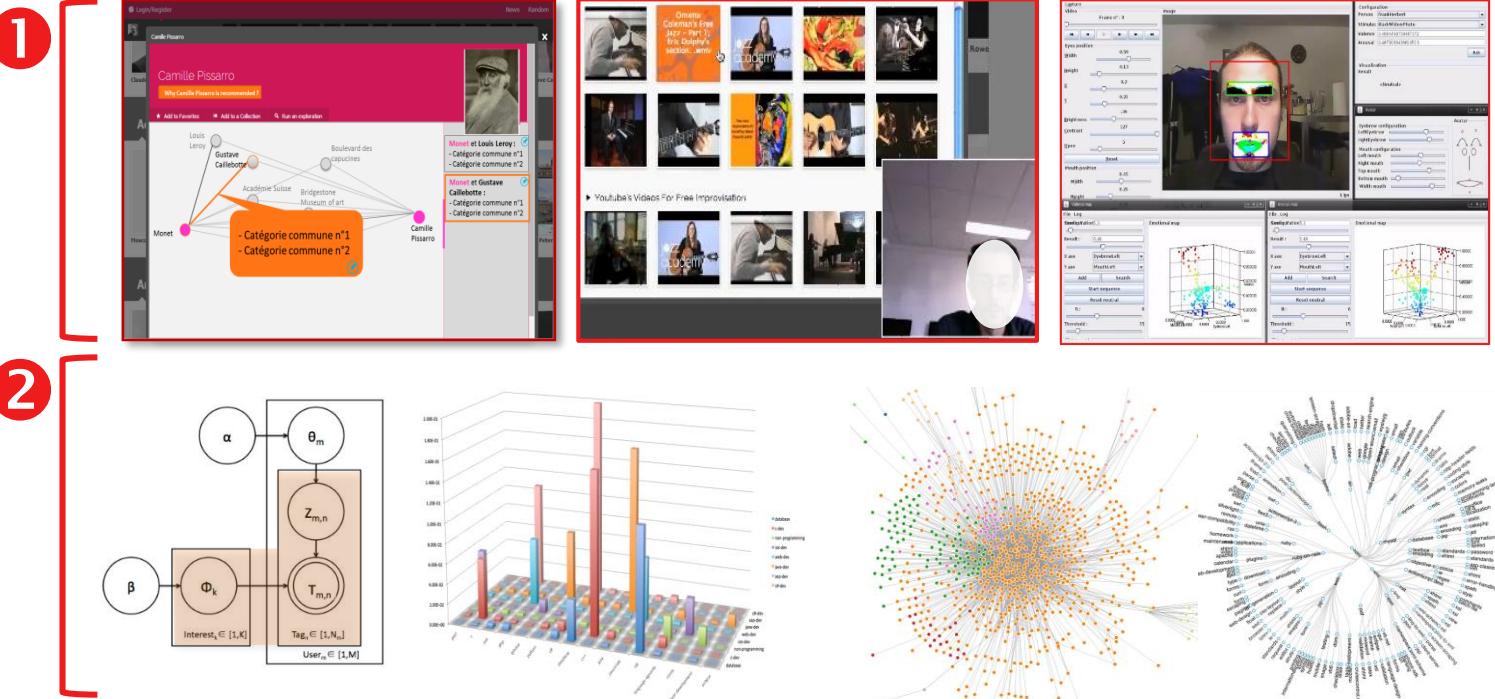
METHODS AND TOOLS

1. user & interaction design



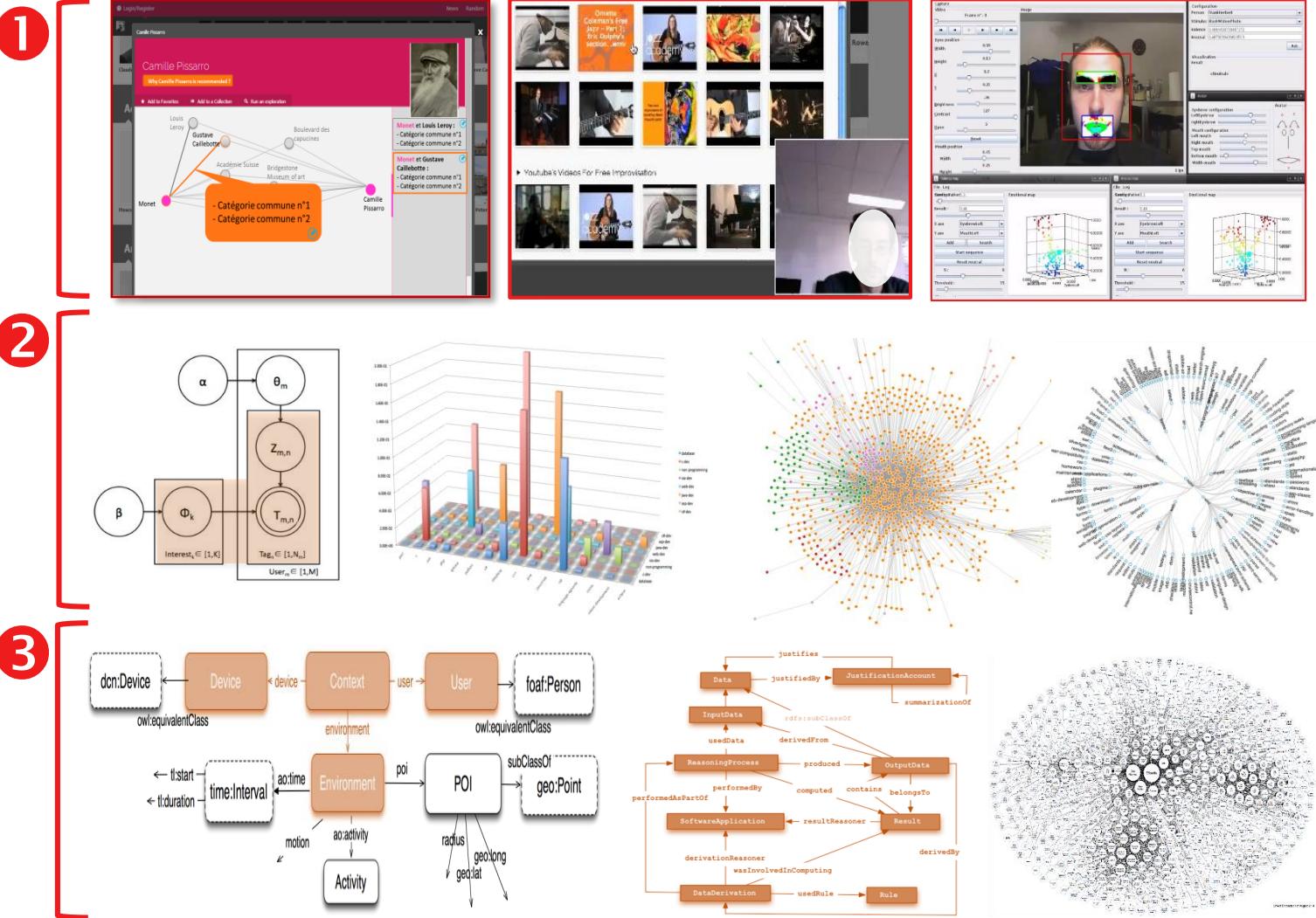
METHODS AND TOOLS

1. user & interaction design
2. communities & social medias



METHODS AND TOOLS

1. user & interaction design
2. communities & social medias
3. linked data & semantic Web



METHODS AND TOOLS

1. user & interaction design
2. communities & social medias
3. linked data & semantic Web
4. reasoning & analyzing

1

2

3

4

$R^{0^2} = \{r_3 : \Rightarrow_0^l \sim Commercial, \quad r_4 : \Rightarrow_0^l ShareAlike, \quad r_5 : \rightsquigarrow_0^l Derivative\}$

— WISDOM RITUAL POPULAR —
SOCIETY ART CIVILIZATION IDEAS
CIVILIZATION INFORMATION CITY
CITY THE KNOWLEDGE ETHIC MUSIC ART
RESEARCH HUMANISM PEOPLE LITERATURE
TRAINING DEVELOPMENT
POPULAR THEORY RELIGION BOOK
HUMANISM RITUAL CIVILIZATION COMMUNITY
ETHIC LEGEND DOGMA STYLE FOLKLORE INFORMATION
WISDOM DEVELOPMENT RESEARCH ART HISTORY
FOULSOE KNOWLEDGE LITERATURE IDEAS
ART INFORMATION POPULAR CIVILIZATION IDEAS
CITY READING SKILL TRAINING MUSIC
COMMUNITY CIVILIZATION HUMANISM SKILL COMMUNITY SKILL
DEVELOPMENT THEORY RESEARCH ETHIC
CULTURE
RELIGION INFORMATION CIVILIZATION
POPULAR PUBLIC IDEAS STYLE PUBLIC
PUBLIC BOOK LITERATURE PUBLIC
COMMUNITY LITERATURE ETHIC
CITY ART MUSIC ETHIC KNOWLEDGE ART
STYLE HISTORY PEOPLE HUMANISM INFORMATION
TRAINING DEVELOPMENT RITUAL
COMMUNITY THEORY POPULAR BOOK
CIVILIZATION RITUAL HUMANISM RELIGION
STYLE DOGMA COMMUNITY ART LITERATURE
DEVELOPMENT WISDOM FAMILY
ETHIC KNOWLEDGE FOULSOE CITY
INFORMATION RESEARCH TRAINING
PEOPLE KNOWLEDGE HUMANISM DEVELOPMENT
MUSIC WISDOM CIVILIZATION IDEAS ETHIC

cultural data is a weapon of mass construction

PUBLISHING

e.g. DBpedia.fr

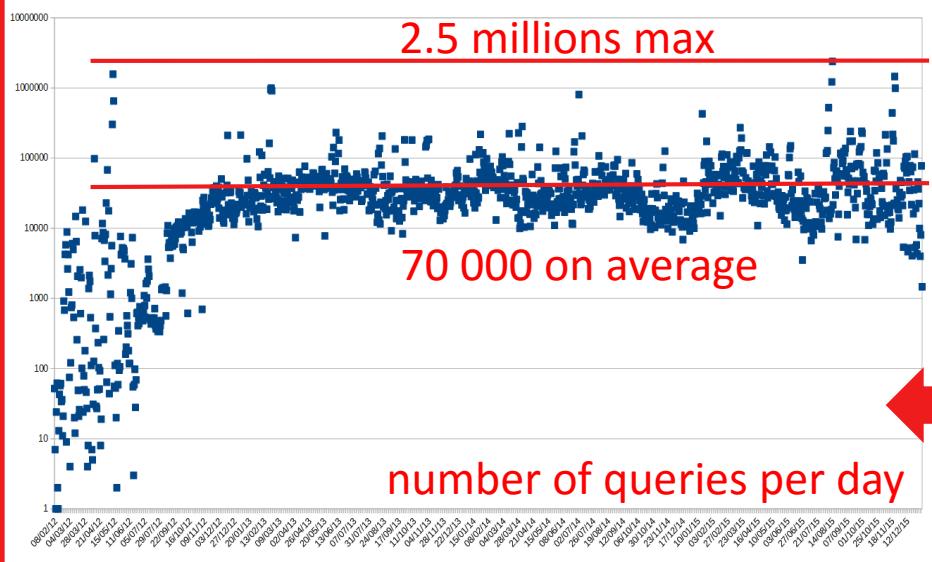
The screenshot shows the DBpedia website for the page "Paris". It features a large image of the Eiffel Tower and surrounding landmarks. Below the image is a map of Paris with various districts labeled. A detailed text summary of Paris is provided, mentioning its status as the capital of France and its location relative to the Seine river and surrounding regions.

185 377 686 RDF triples extracted and mapped

A table listing 185,377,686 RDF triples extracted and mapped for the Paris page. The table includes columns for the triple subject, predicate, and object, along with their data types. Many entries involve the DBpedia namespace, such as dbpedia-owl:abstract, dbpedia-owl:label, and dbpedia-owl:type.

dbpedia-owl:bnfId :	152821567 (xsd:string)
dbpedia-owl:canton :	dbpedia-fr:Chef-lieu
dbpedia-owl:country :	dbpedia-fr:France
dbpedia-owl:department :	dbpedia-fr:Préfecture
dbpedia-owl:flag :	Mairie De Paris svg (xsd:string)
dbpedia-owl:flagCaption :	Paris#Héraudique, logo et devise (xsd:string)
dbpedia-owl:geolocDepartment :	dbpedia-fr:Arrondissement_de_Paris
dbpedia-owl:region :	dbpedia-fr:Île-de-France
dbpedia-owl:inseeCode :	75056 et de75101 à 75120 (xsd:string)
dbpedia-owl:iccId :	n/79/058874 (xsd:string)
dbpedia-owl:peopleName :	Parisiens @fr
dbpedia-owl:politicalLeader :	dbpedia-fr:Paris_1
dbpedia-owl:populationTotal :	2240621 (xsd:nonNegativeInteger)
dbpedia-owl:postalcode :	75001 à 75020 et 75116 (xsd:string)
dbpedia-owl:region :	dbpedia-fr:Île-de-France
dbpedia-owl:sudocId :	080467008 (xsd:string)
dbpedia-owl:thumbnail :	http://commons.wikimedia.org/wiki/Special:FilePath/Paris_Eiffelurm_und_Marsfeld2.jpg?width=300
dbpedia-owl:thumbnailCaption :	Lاتour Eiffel les gratt-ciel dela Défenseen arrême-plan. (xsd:string)
dbpedia-owl:viafd :	158822968 (xsd:string)

public dumps, endpoints, interfaces, APIs...



number of queries per day

The screenshot shows the Flint SPARQL Editor version 1.0.3. The interface includes a toolbar, a dataset selector set to "http://dbpedia-test-fr.inria.fr/sparql", and a query editor window titled "Query 1". The query code is as follows:

```
1 PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
2 PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
3
4 SELECT * WHERE {
5   ?s ?p ?o
6 }
7 LIMIT 10
```

HISTORIC

extending DBpedia

The screenshot shows the DBpedia interface for the page about Paris. It features a header with the DBpedia logo and search bar. Below the header is a sidebar with links to 'CATEGORIES', 'TYPES', 'External Links', and 'Same As'. The main content area has a large image of the Eiffel Tower and surrounding landmarks. To the right of the image is a detailed text summary of Paris's history and geography. Below the summary is a map of Paris with various districts labeled. At the bottom of the page is a table showing properties and their values, such as 'dbpedia-owl:abstract'.

The screenshot shows the DBpedia History page for June 2015. The top navigation bar indicates the period from 06/2014 to 07/2015. The main content area displays a grid of historical figures with their names and counts: Christopher Lee (155), Luis de León (105), Henri Matisse (99), Krystal Jung (96), Lanza del Vasto (80), Henry Fielding (79), Cameron Diaz (74), and Edgar Degas (62). Each figure is accompanied by a small profile picture.

2.5 billion RDF triples of versioning activities

<<http://fr.dbpedia.org/Réaux>>
a prov:Revision ;
swp:isVersion "96"^^xsd:integer ;
dc:created "2005-08-05T07:27:07"^^xsd:dateTime ;
dc:modified "2015-01-06T10:26:35"^^xsd:dateTime ;
dbfr:uniqueContributorNb 58 ;

dbfr:revPerYear [dc:date "2005"^^xsd:gYear ; rdf:value "2"^^xsd:integer] ;
...
dbfr:revPerYear [dc:date "2015"^^xsd:gYear ; rdf:value "1"^^xsd:integer] ;

dbfr:revPerMonth [dc:date "08/2005"^^xsd:gYearMonth ;
rdf:value "1"^^xsd:integer] ;
...
dbfr:revPerMonth [dc:date "01/2015"^^xsd:gYearMonth ;
rdf:value "1"^^xsd:integer] ;

dbfr:averageSizePerMonth [dc:date
"08/2005"^^xsd:gYearMonth ; rdf:value "3060"^^xsd:float] ;
...
dbfr:averageSizePerYear [dc:date "2015"^^xsd:gYear ;
rdf:value "4767"^^xsd:float] ;

dbfr:averageSizePerMonth [dc:date
"08/2005"^^xsd:gYearMonth ; rdf:value "3060"^^xsd:float] ;
...
dbfr:averageSizePerMonth [dc:date
"01/2015"^^xsd:gYearMonth ; rdf:value "4767"^^xsd:float] ;

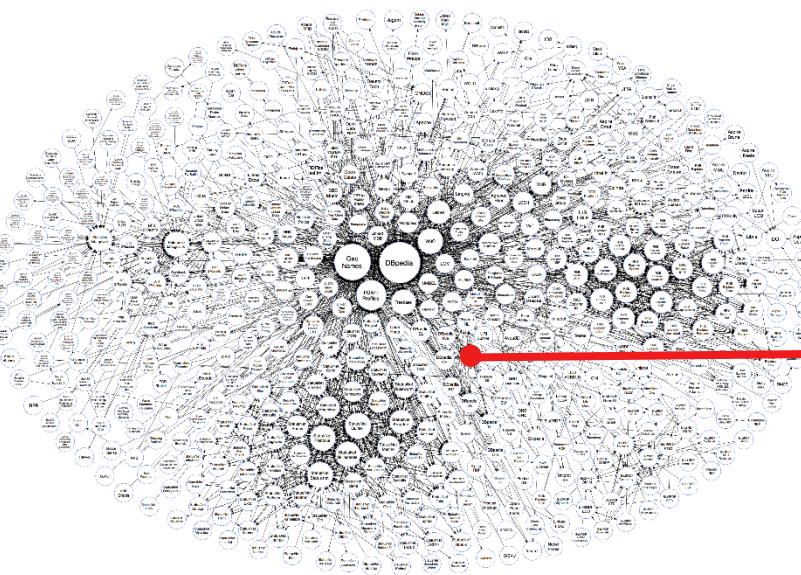
dbfr:size "4767"^^xsd:integer ;
dc:creator [foaf:name "DasBot" ; rdf:type
scoro:ComputationalAgent] ;
sioc:note "Robot : Remplacement de texte automatisé (-
[[commune française| +[[commune (France)|]])"^^xsd:string ;
prov:wasRevisionOf
<<https://fr.wikipedia.org/w/index.php?title=Réaux&oldid=103441506>> ;
prov:wasAttributedTo [foaf:name "Escarbot" ; a
prov:SoftwareAgent] .

“searching” comes in many flavors



SEARCHING

- exploratory search
- question-answering



DBPEDIA.FR (extraction, end-point)

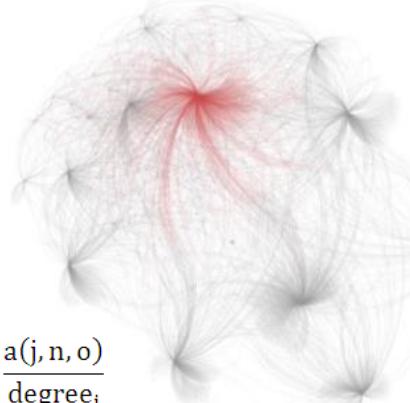
180 000 000 triples

[Cojan, Boyer et al.]

semantic spreading activation

$$a(i, n) = \prod_{o \in O} [a(i, n, o)] / \log (\text{degree}_i)$$

$$a(i, n + 1, o) = s(i, n, o) + \sum_j w(i, o) * \frac{a(j, n, o)}{\text{degree}_j}$$

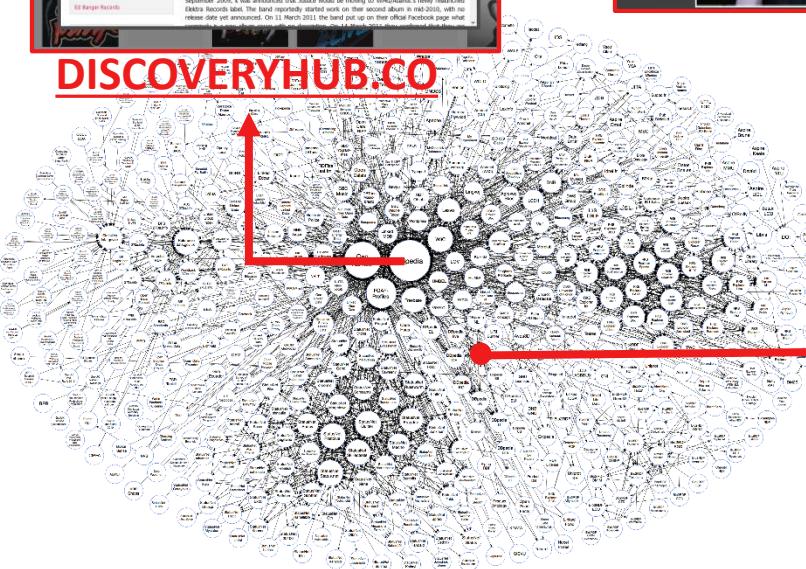


new evaluation protocol

[Marie, Giboin, Palagi et al.]

SEARCHING

- exploratory search
- question-answering



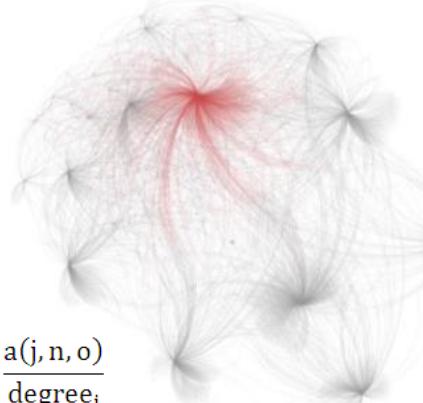
DBPEDIA.FR (extraction, end-point)
180 000 000 triples

[Cojan, Boyer et al.]

semantic spreading activation

$$a(i, n) = \prod_{o \in O} [a(i, n, o)] / \log (\text{degree}_i)$$

$$a(i, n + 1, o) = s(i, n, o) + \sum_j w(i, o) * \frac{a(j, n, o)}{\text{degree}_j}$$

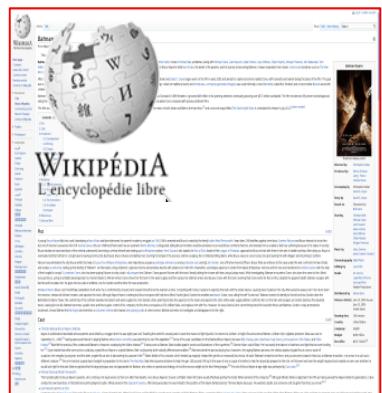


new evaluation protocol

[Marie, Giboin, Palagi et al.]

SEARCHING

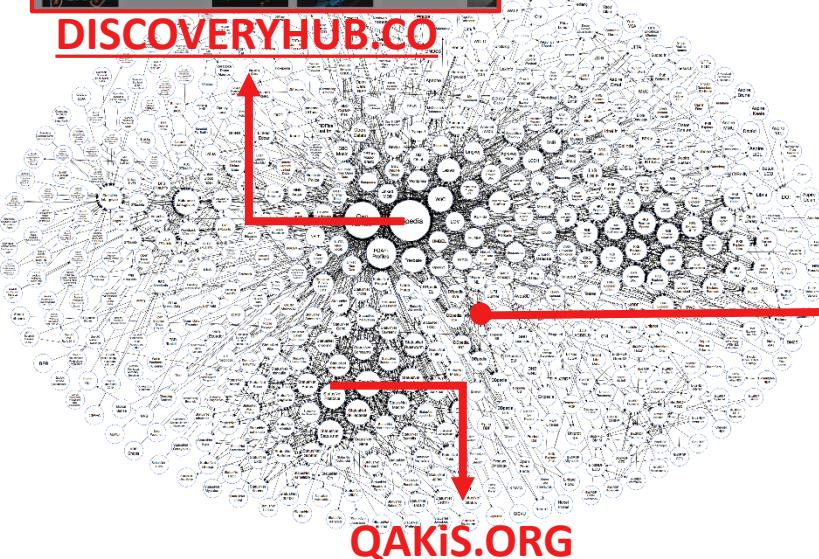
- exploratory search
- question-answering



linguistic relational pattern extraction

starring(Work, Person)

[D:Work], played by [R:Person]
[D:Work] stars [R:Person]
[D:Work] film stars [R:Person]



DBPEDIA.FR (extraction, end-point)
180 000 000 triples

[Cojan, Boyer et al.]

named entity recognition
similarity based SPARQL
generation

```
select * where {  
  dbpr:Batman_Begins dbp:starring ?v .  
  OPTIONAL {?v rdfs:label ?l  
  filter(lang(?l)="en") } }
```

[Cabrio et al.]

BROWSING

e.g. SMILK plugin
[Lopez, Cabrio, et al.]

W Lancôme (cosmétiqu... D La modernité version x D Blogs Beauté les plus lus

www.ladepeche.fr/article/2014/09/26/1959911-la-modernite-version-dior-entre-18eme-siecle-et-futurisme.html

Applications CodendiInternal... Lancôme (cosm... La modernité v... Blog Beauté et ... c# - indexof ex... shake codendi CodendiInternal... PEPS CodendiListe d... localhost:62037... Dev Plunker Autres favoris

(AFP) - Robes à panier à motifs floraux, gilets longs portés avec des bermudas: dans la droite ligne de sa collection haute couture, Raf Simons a revisité la mode du 18ème siècle, avec un oeil futuriste, pour proposer une silhouette moderne au quatrième jour des défilés de prêt-à-porter parisiens.

Le show, auquel assistaient entre autres Carla Bruni-Sarkozy et Marion Cotillard, se tenait dans la Cour Carrée du Louvre. Sur l'installation abritant le défilé, tout en miroirs, se réfléchissaient les façades du musée, au cœur du Paris historique.

Sur un podium en forme de navette spatiale, vêtements de cour et combinaisons de pilotes côtoient des robes blanches évoquant des uniformes scientifiques chic.

"J'ai commencé par me demander: qu'est-ce que la modernité? (...) Il me semblait plus contemporain d'aller vers un passé lointain plutôt que de moderniser l'esprit des dernières décennies", expose le couturier belge.

Pour le PDG de Christian Dior, Sidney Toledano, cette collection "s'adresse à une femme jeune, moderne, dans un style de vie totalement nouveau".

S'inspirer du passé permet selon lui à la mode de durer. "C'est ce que d'autres secteurs ne savent pas faire. Dans la technologie, on regarde toujours le produit de demain, futuriste, et finalement éphémère. En revanche la mode, à ce niveau-là, n'est pas dans l'éphémère, elle se réinspire du passé, sans passésisme, en se projetant", déclare-t-il à l'AFP après le show.

Contrairement à d'autres maisons parisiennes, Dior a décidé de retransmettre son défilé sur son site internet, s'adressant directement au public. "On lui parle directement mais avec des images.

Informations supplémentaires

Intitulé: Christian Dior
Catégorie: Marque

DBpedia

Dior

Christian Dior, né le 21 janvier 1905 à Granville, dans la Manche, mort le 24 octobre 1957 à Montecatini Terme en Italie, est un grand couturier français. Il est le fondateur de la maison de couture qui porte son nom.

Ressources

- http://fr.dbpedia.org/resource/Catégorie:Naissance_en_1905
- http://fr.dbpedia.org/resource/Catégorie:Élève_de_l'institut_d'études_politiques_de_Paris
- http://fr.dbpedia.org/resource/Catégorie:Mort_d'une_crise_cardiaque
- http://fr.dbpedia.org/resource/Catégorie:Personnalité_normande
- http://fr.dbpedia.org/resource/Catégorie:Décès_en_1957
- http://fr.dbpedia.org/resource/Catégorie:Naissance_à_Granville
- http://fr.dbpedia.org/resource/Catégorie:Haute_couture
- http://fr.dbpedia.org/resource/Catégorie:Couturier_français
- http://fr.dbpedia.org/resource/Catégorie:Christian_Dior_(entreprise)
- http://fr.dbpedia.org/resource/Catégorie:Décès_dans_la_province_de_Pistoia
- http://fr.dbpedia.org/resource/Catégorie:Wikmédia:Outil_de_retour_des_lecteurs
- http://fr.dbpedia.org/resource/Catégorie:Élève_du_collège_Stanislas_de_Paris

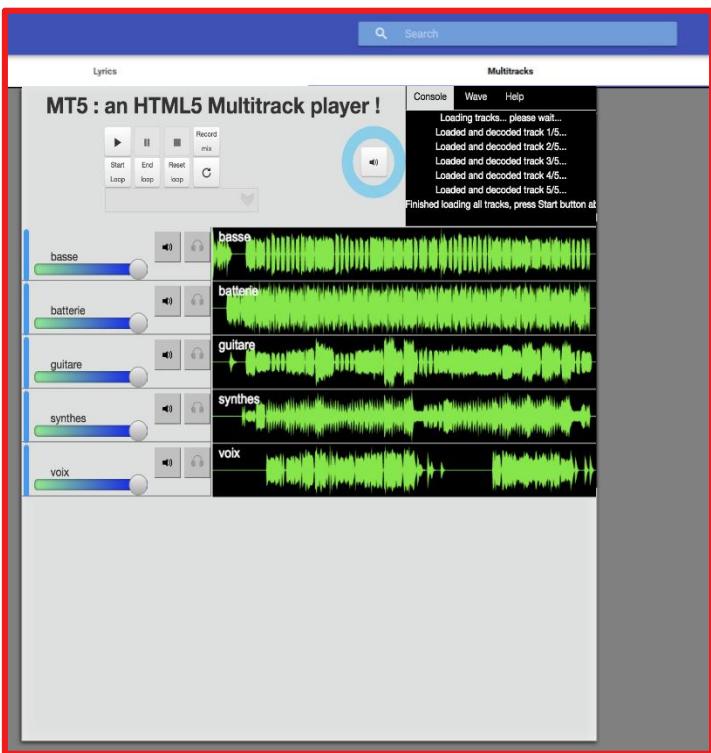
NetScent

Diorshow Waterproof, Diorshow Iconic, Stay real Exceptionnel, Génériques, Sephora, Ives Rocher, clarins, Clinique, Nuxe, DiorShow, Gémoey Maybelline, Avene, Rœ, Clarins, Carta, Caudalie, MUGINIE YSL, Magique, avene, Gémoey-Maybelline, Night Shine, CORRECT, dior, Sisley, Peggy Sage, Chanel, Nude, Waterproof, Lancôme, Diory', Yves, feline, Kenzo, Maseara, La Prairie, Estée Lauder, Dermophil Indien, Diorshow Iconic Extreme, Christian Dior

Opinion	Count
Positive	26
Negative	11

WASABI

augmenting musical experience with the Web



[Buffa, Jauva et al.]

PAINT IT, BLACK
ARTIST: THE ROLLING STONES
ALBUM: ROLLER GOLD

Spotify MusicBrainz iTunes Allmusic Amazon GoEar
Runtime: 2:02 0:244,0:225,0
Format: Gramophone record
Genre: Psychedelic rock, rock-and-roll, blues rock, rock, funk, rhythm and blues, blues, rock, funk
Produced by: Mick Jagger, Keith Richards, Andrew Loog Oldham, Jerry Goldsmith (producer)
Recorded at: Liberty Records Decca Records London Records
Writer: Jagger/Richards
Recorded: 1970-03-08
Release Date: 1966-05-07,1966-05-13

Abstract: "Paint It Black" (originally released as "Paint It, Black") is a song by the English rock band The Rolling Stones, written by the songwriting partnership of Mick Jagger and Keith Richards, and first released as a single on 8 May 1966 (see 1966 in music). It was later included as the opening track in the version of their 1966 album, *Alexander's Ragtime Band*. The song was a cover of George Harrison's "Paint It Black"; along with the Jagger and Richards-penned "Mother's Little Helper", was influential in developing the musical styles of psychedelic rock and raga rock. "Paint It Black" reached number one in both the Billboard Hot 100 and UK Singles Chart. The song became The Rolling Stones' third number one hit single in the US and sixth in the UK. Since its initial release, the song has remained influential as the first number one featuring a star, particularly in the UK where it has charted in two other instances, and has been the subject of multiple cover versions, compilation albums, and film appearances.

I see a red door and I want it painted black
No colours anymore, I want them to turn black
I see the girls walk by dressed in their summer clothes
I have to turn my head until my darkness goes

I see a line of cars and they're all painted black
With flowers and my love both never to come back
I see people turn their heads and quickly look away
Like a newborn baby, it just happens every day

I look inside myself and see my heart is black
I see my red door and must have it painted black

The Rolling Stones



Années d'activité: 1962-present

Localisation: England/London

Genre: Rock/Rock 'N' Roll/R&B/Blues/Hard Rock

Label: ABKCO/Decca Records/Interscope Records/London Records/Polydor/Rolling Stones Records/Virgin Records

► Voir les membres actuels:

▼ Voir les ancien(s) membre(s):

- Brian Jones
 - Instrument: guitar
 - Années d'activités: 1962-1969

- Mick Taylor
 - Instrument: guitar
 - Années d'activités: 1969-1974

- Ian Stewart
 - Instrument: keyboards
 - Années d'activités: 1962-1963

- Dick Taylor
 - Instrument: bass
 - Années d'activités: 1962-1963

- Bill Wyman
 - Instrument: bass
 - Années d'activités: 1963-1993

- Tony Chapman
 - Instrument: drums
 - Années d'activités: 1962-1962

Album: GRRR! 2012

ZOOMATHIA

Cultural transmission of zoological knowledge from Antiquity to Middle Age

[Faron Zucker, et al.]

INPN Inventaire National du Patrimoine Naturel

À la une

16 février 2015 - Contribution du programme CARTHAM à l'INPN

INPN

Nom de référence: *Delphinus delphis* Linnaeus, 1758

Synonymes / Chrésonymes: *Delphinus delphis* Linnaeus, 1758

Nom vernaculaire: Dauphin commun à bec court, Dauphin commun

Fiche

Stenella coeruleoalba (Meyen, 1833)

Synonyme: *Delphinus delphis mediterranea* Nobre, 1900

Fiche

Recherche de données

Delphinus delphis Linnaeus, 1758

Common Dolphin (English)
(Chordata, Mammalia, Cetacea)

→ Nouvelle recherche

Paléolithique	Mésolithique	Néolithique	Âge du Bronze	Âge du Fer	Antiquité	Moyen Âge
ancien moyen supérieur	ancien moyen supérieur	Hallstatt	La Tène	haute époque	haut Moyen Âge	Bas Moyen Âge

Rechercher espèce Nom La

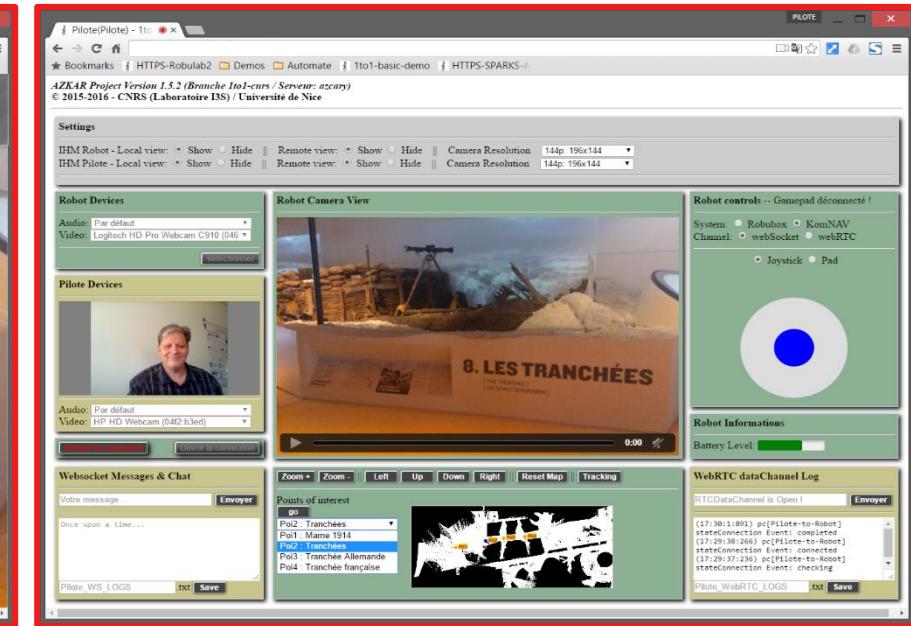
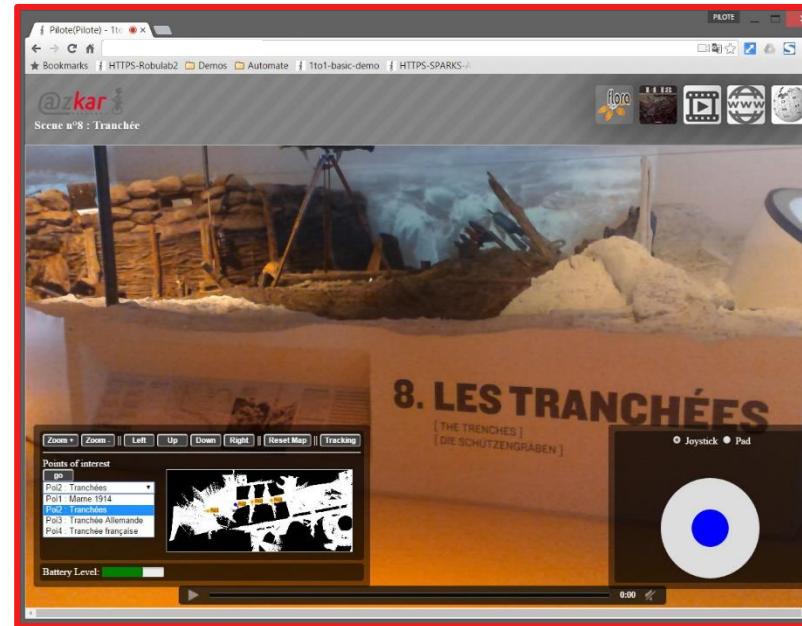
Zoom sur : France métropolitaine et d'outre-mer Rechercher

Legend:

- Paleolithic: Ancien moyen supérieur (red)
- Mesolithic: Ancien moyen supérieur (purple)
- Neolithic: Hallstatt (orange)
- Age of Bronze: La Tène (green)
- Age of Iron: Haute époque (blue)
- Antiquity: Haut Moyen Âge (light blue)
- Middle Ages: Moyen Moyen Âge (light green)
- Medieval: Bas Moyen Âge (yellow)
- Modern: Temps modernes (grey)

AZKAR

remotely visit and interact with a museum through a robot and via the Web

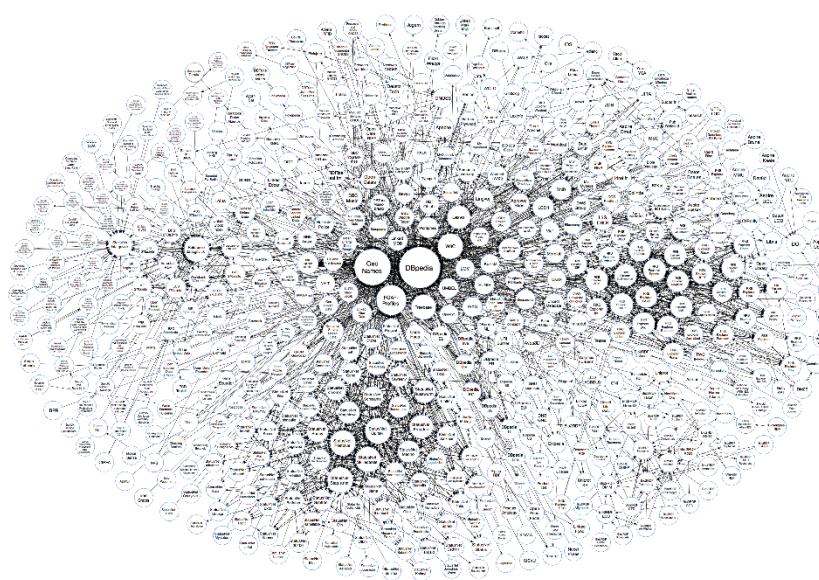


users & interaction



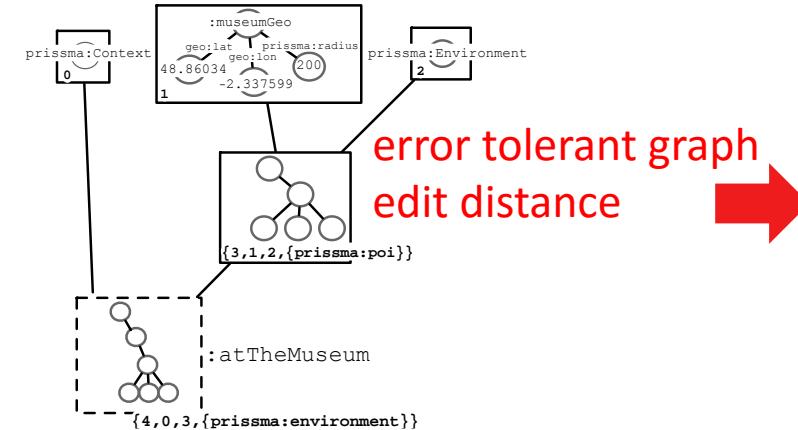
MODELING USERS

- individual context
- social structures

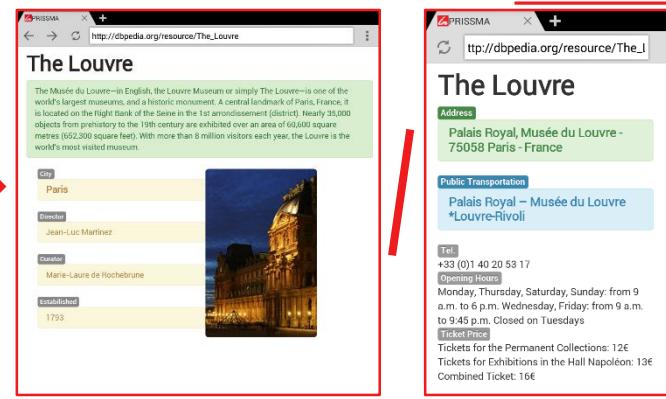


MODELING USERS

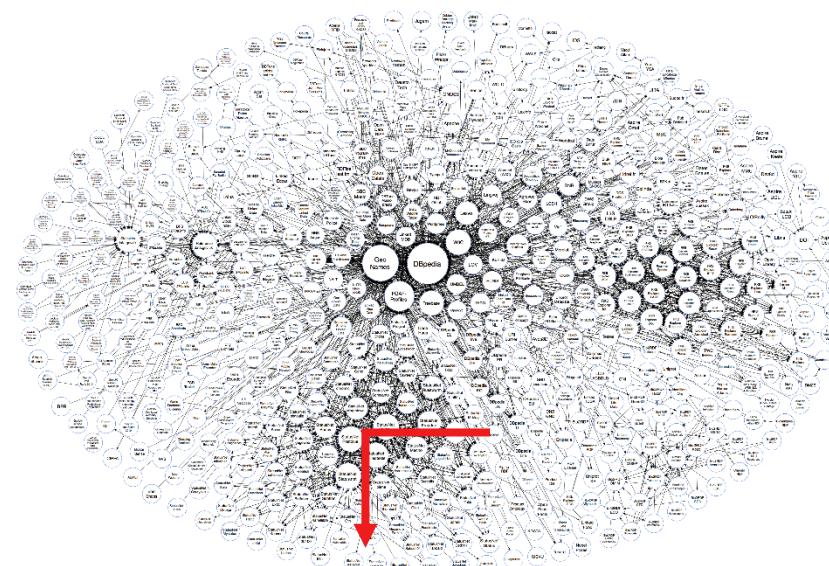
- individual context
- social structures



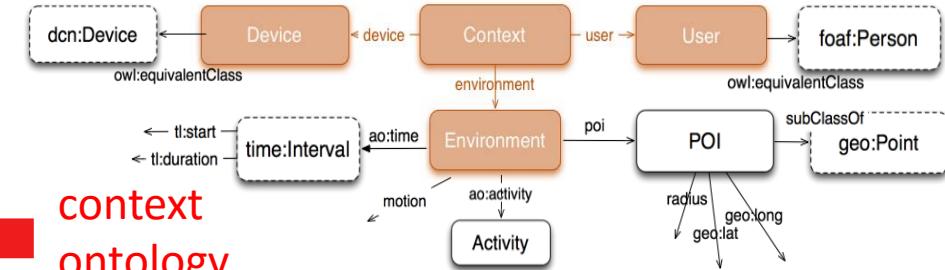
error tolerant graph
edit distance



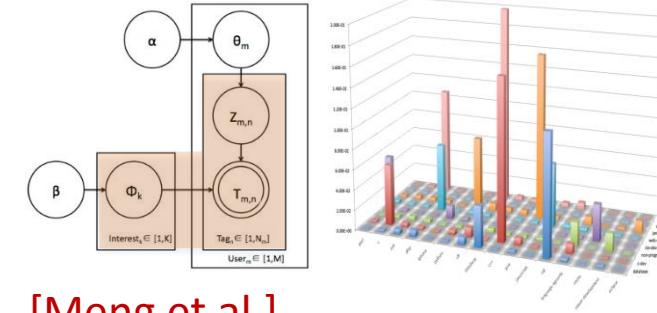
context
ontology



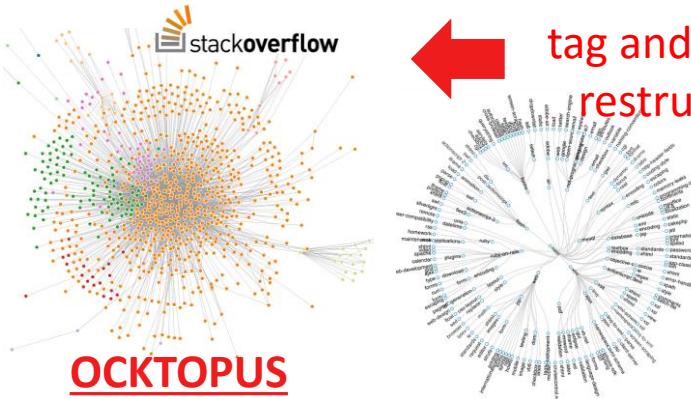
PRISSMA



[Costabello et al.]



tag, topic, user distribution

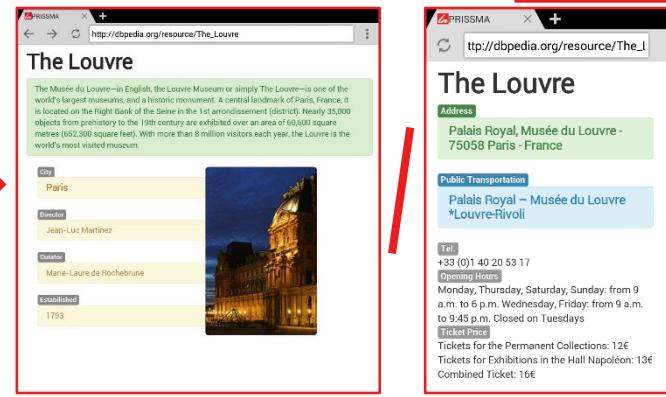
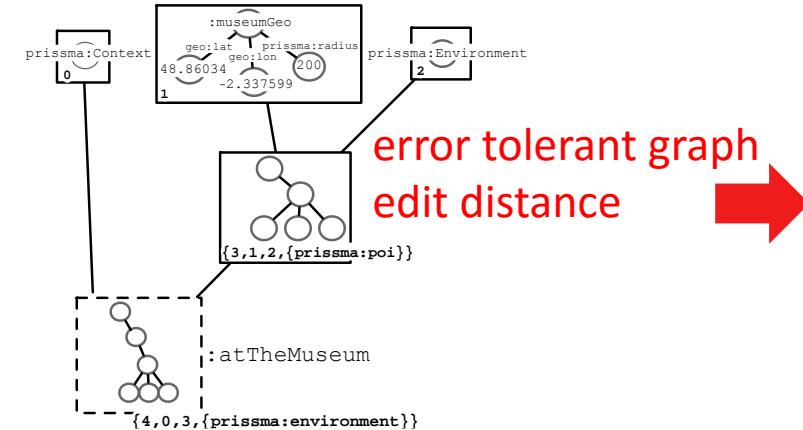


tag and folksonomy
restructuring with
prefix trees

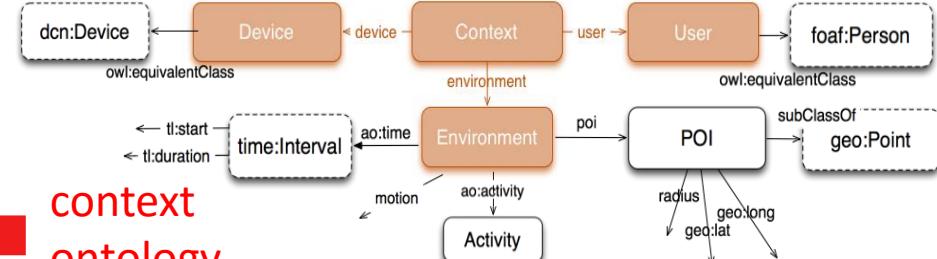
[Meng et al.]

MODELING USERS

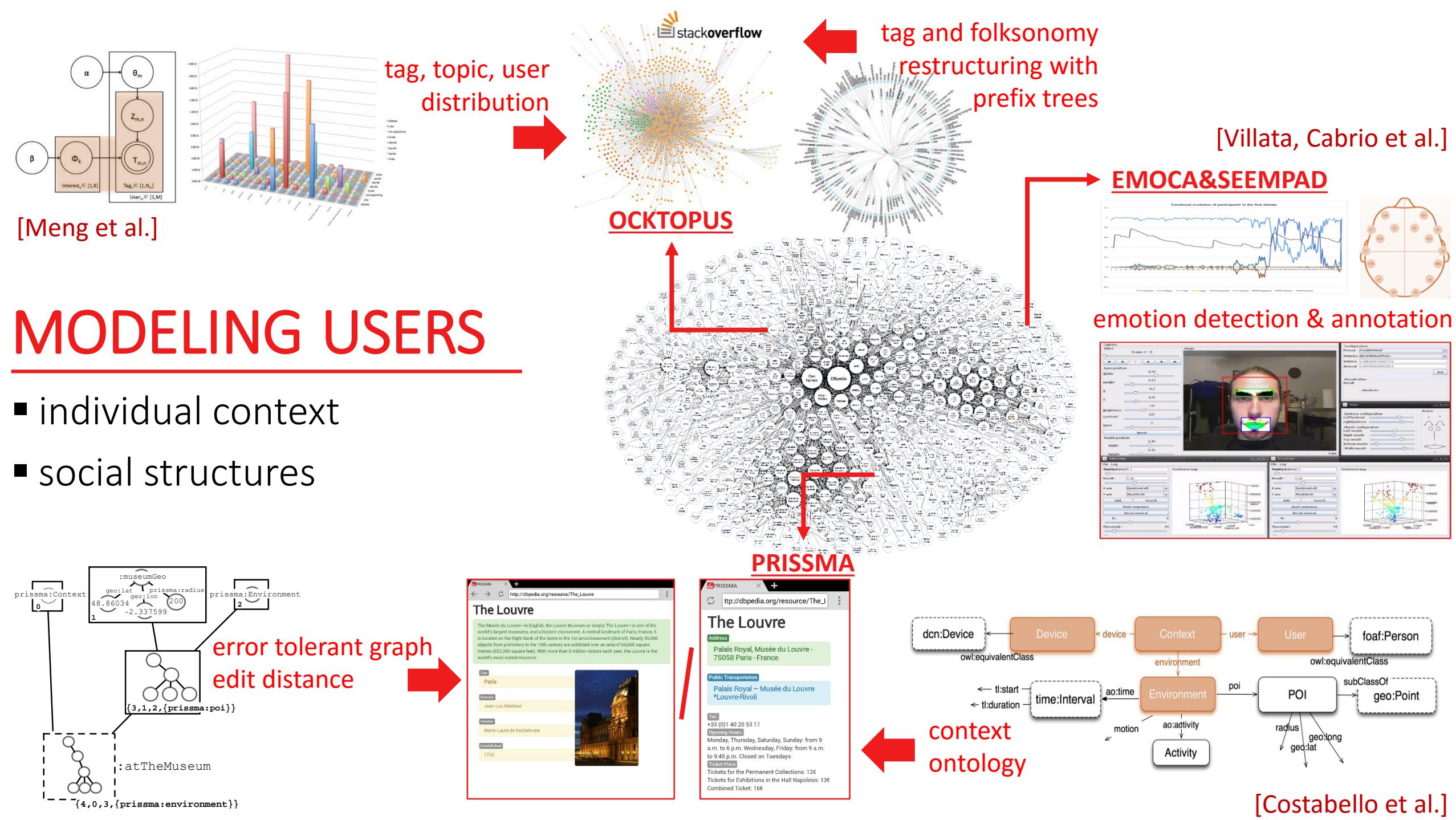
- individual context
- social structures

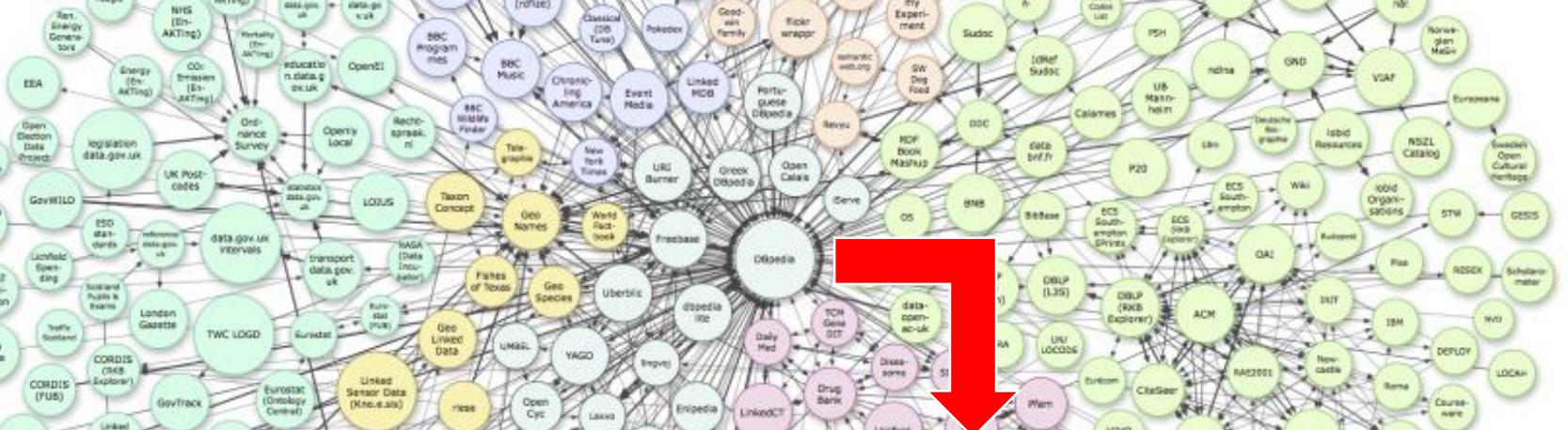


context
ontology



[Costabello et al.]

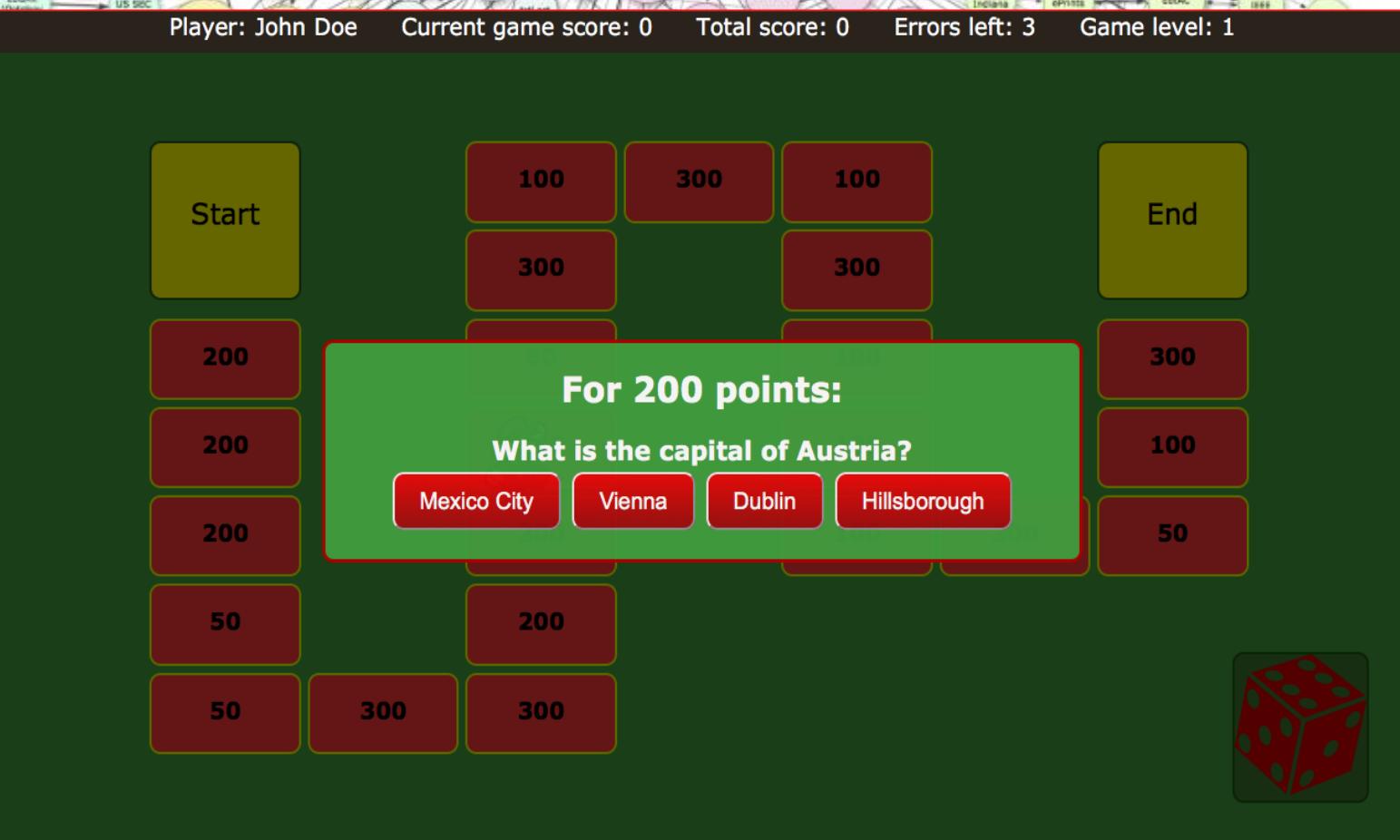


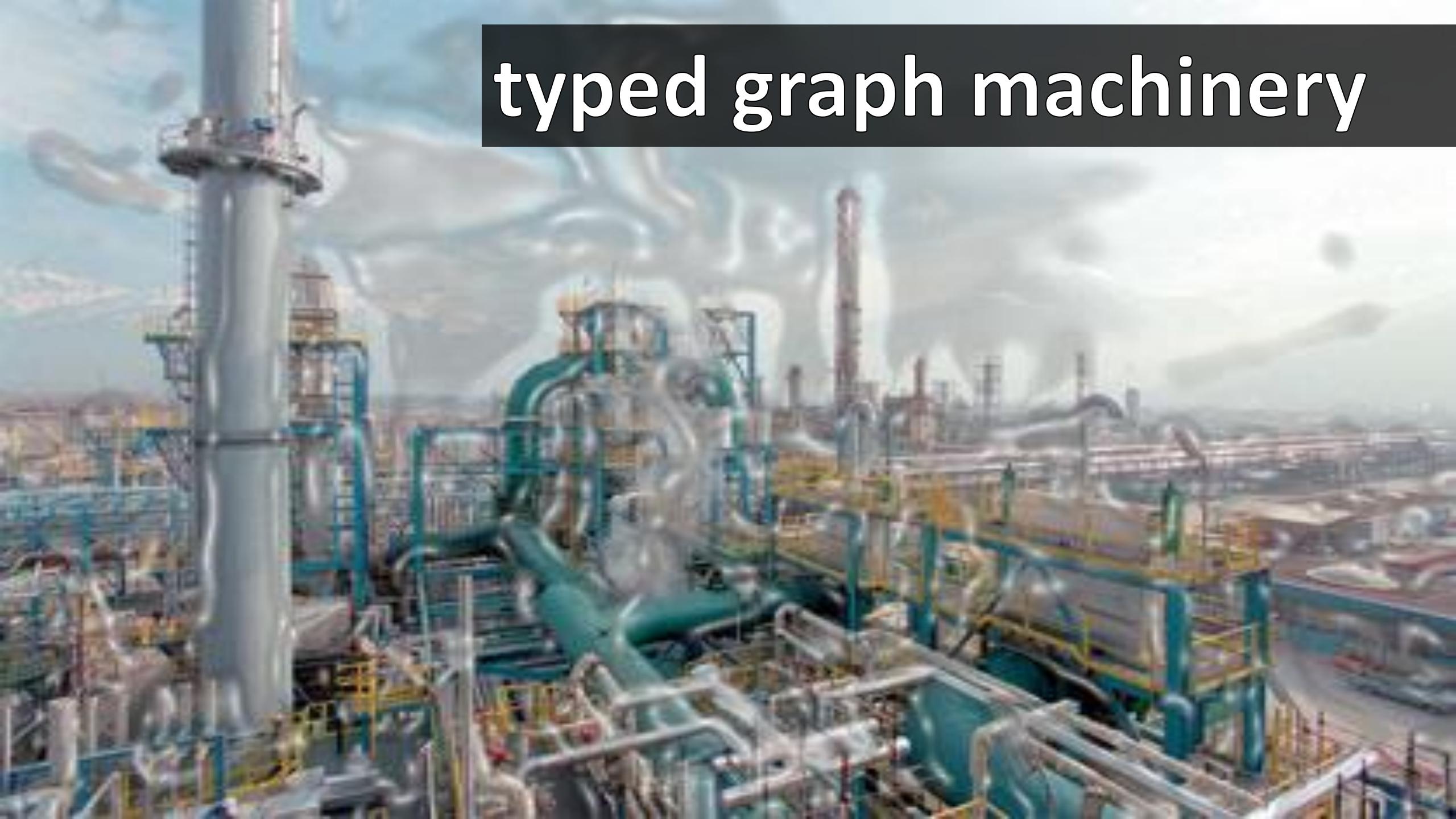


MODELING USERS

e.g. e-learning & serious games

[Rodriguez-Rocha, Faron-Zucker et al.]

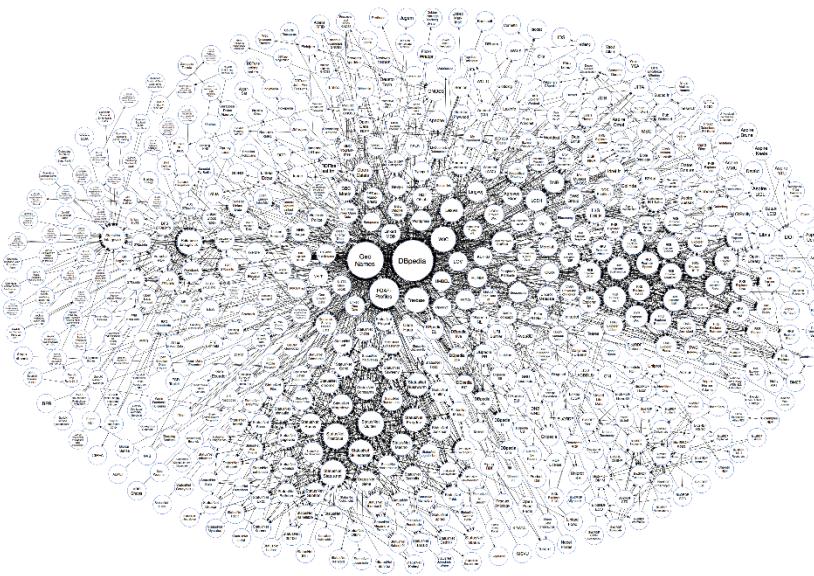


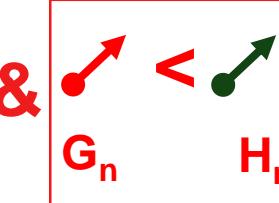
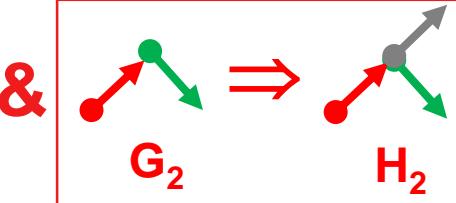
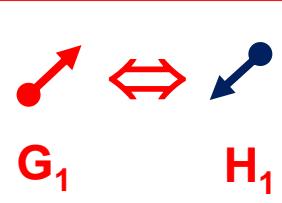
A detailed illustration of a futuristic industrial city. In the foreground, a massive refinery complex dominates the scene, featuring numerous pipes, storage tanks, and processing units. A tall, slender vertical tower stands prominently on the left side. The city extends into the distance, showing more industrial structures and a hazy horizon under a sky filled with wispy clouds.

typed graph machinery

QUERY & INFER

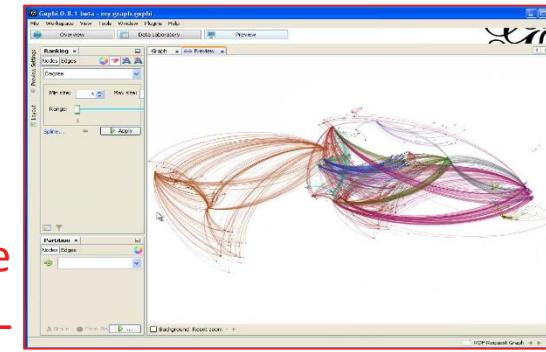
- graph rules and queries
- deontic reasoning
- induction



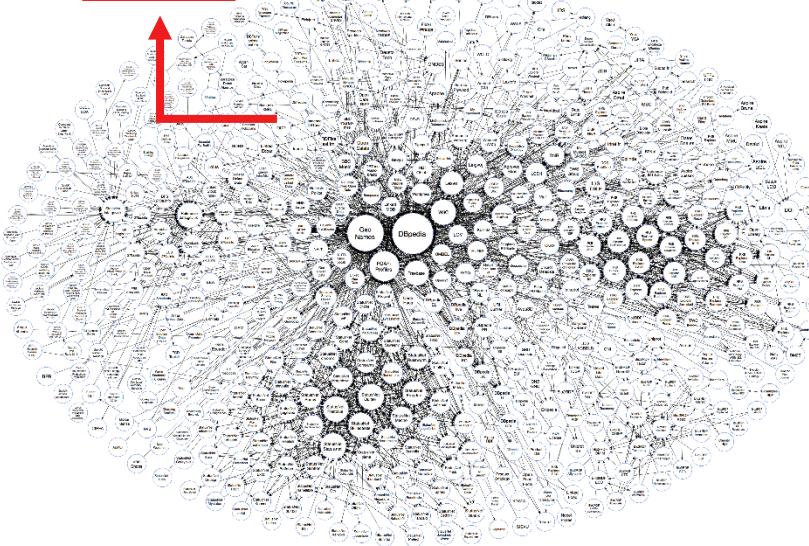


& abstract graph machine
STTL

[Corby, Faron-Zucker et al.]

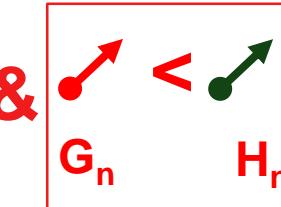
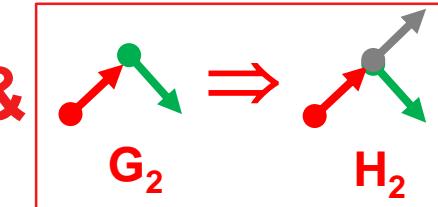
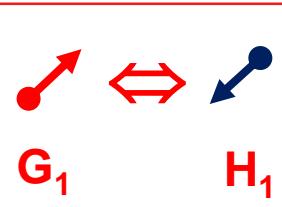


CORESE



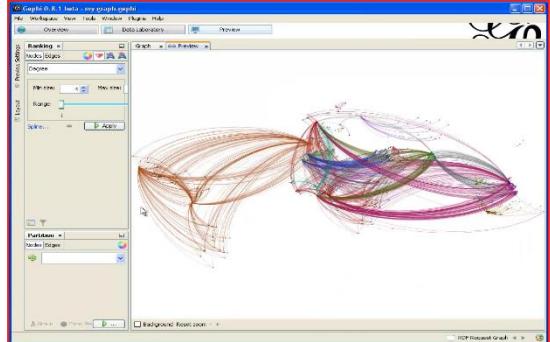
QUERY & INFER

- graph rules and queries
- deontic reasoning
- induction

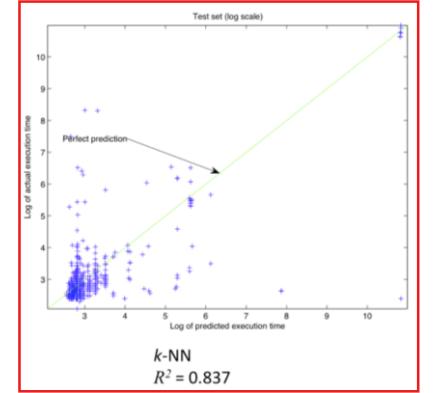


abstract graph machine
STTL

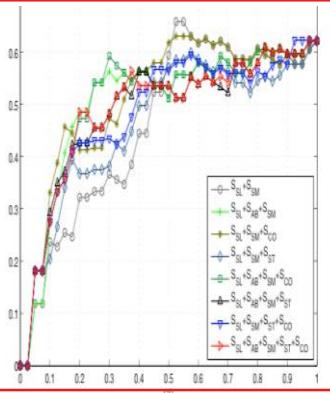
[Corby, Faron-Zucker et al.]



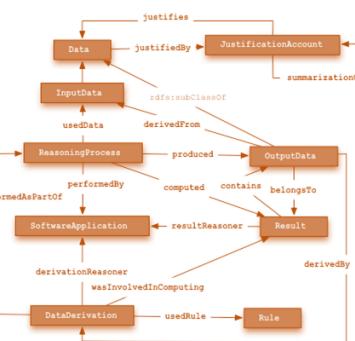
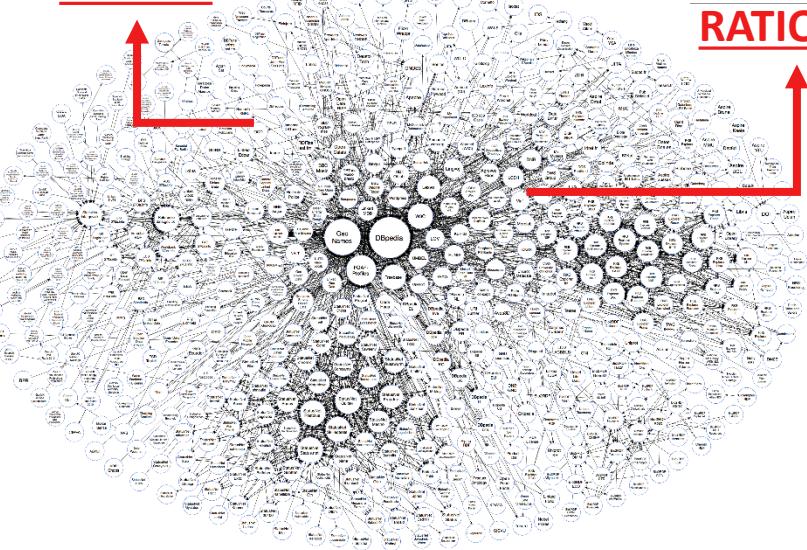
CORESE



RATIO4TA



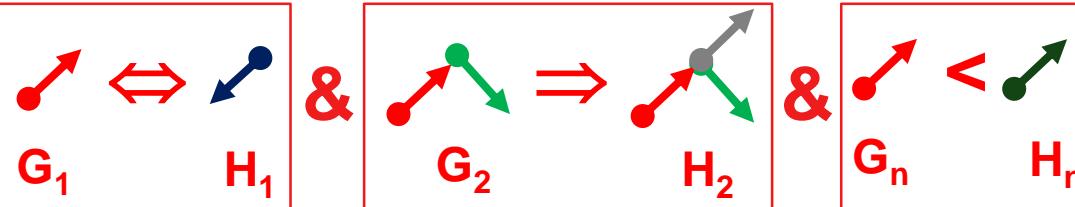
predict &
explain



[Hasan et al.]

QUERY & INFER

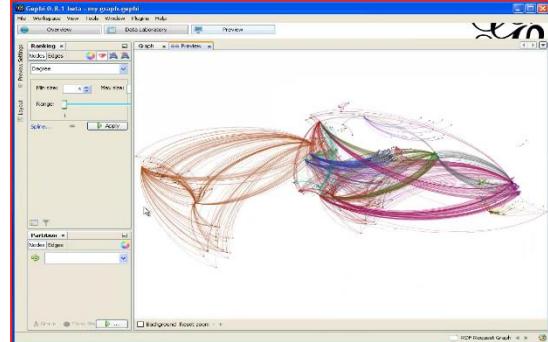
- graph rules and queries
- deontic reasoning
- induction



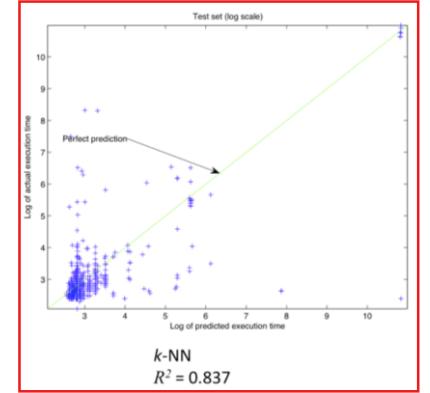
&

abstract graph machine
STTL

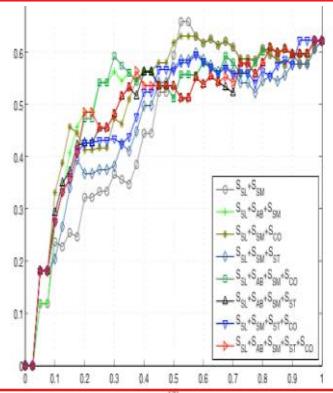
[Corby, Faron-Zucker et al.]



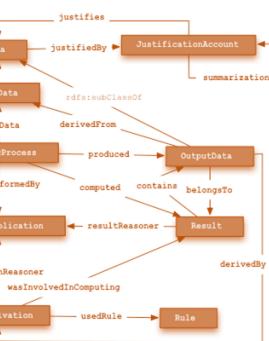
CORESE



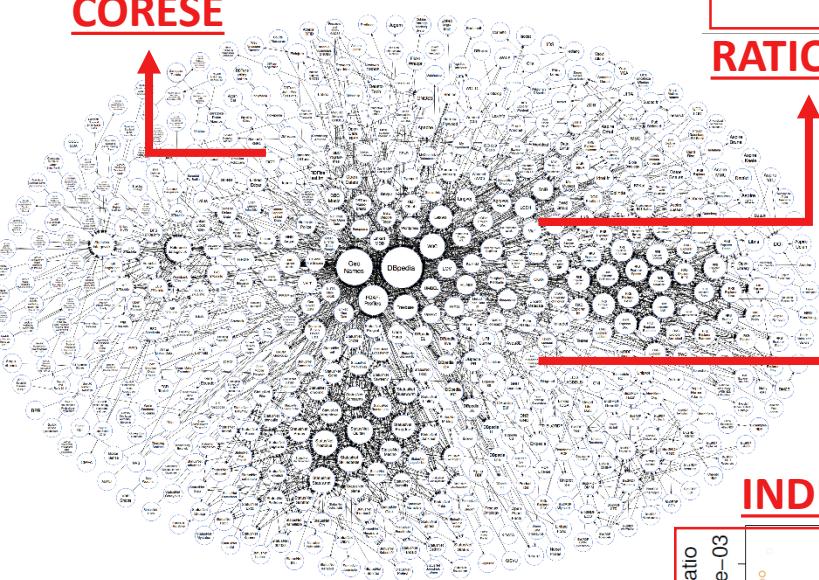
RATIO4TA



predict &
explain

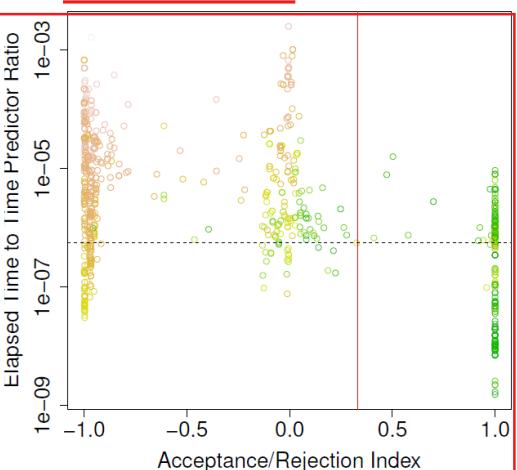


[Hasan et al.]



INDUCTION

[Tettamanzi et al.]

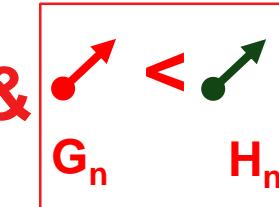
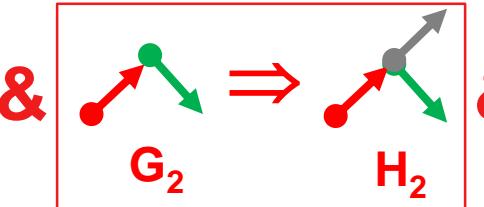
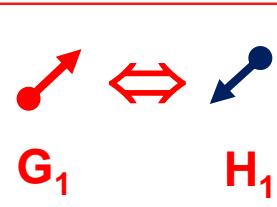


find missing
knowledge

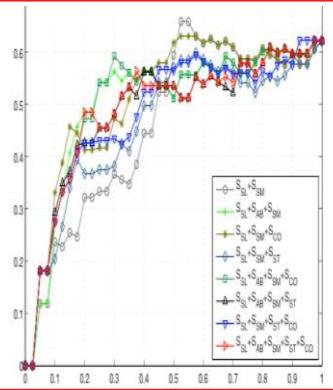
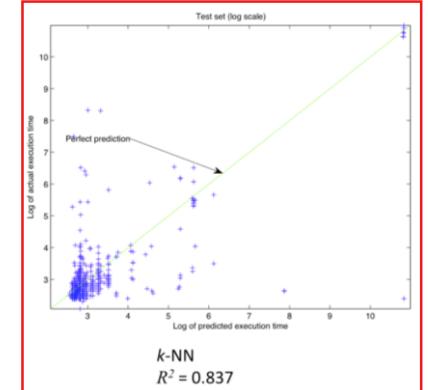
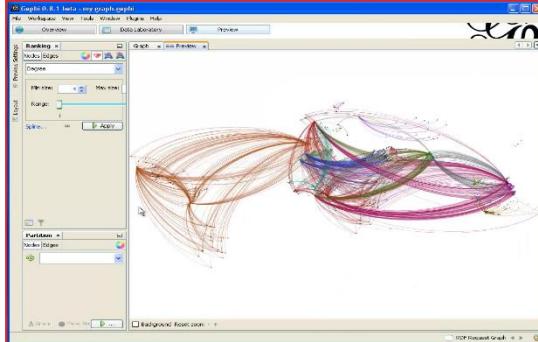
$$\phi = \text{SubClassOf}(\text{dbo:LaunchPad}, \text{dbo:Infrastructure})$$

QUERY & INFERENCE

- graph rules and queries
- deontic reasoning
- induction



abstract graph machine
STTL



[Corby, Faron-Zucker et al.]

QUERY & INFER

- graph rules and queries
- deontic reasoning
- induction

license compatibility
and composition

$L = \{l_1, l_2\}$ [Villata et al.]

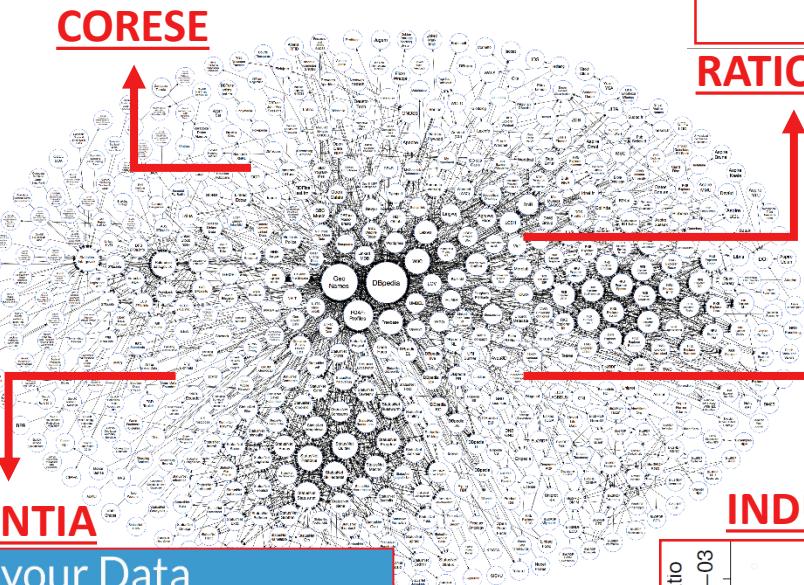
$$R^{O^l_1} = \{r_1 : \Rightarrow_O^{l_1} \text{Attribution},$$

$$R^{O^l_2} = \{r_3 : \Rightarrow_O^{l_2} \sim \text{Commercial},$$

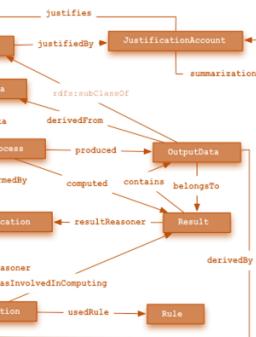


$$r_2 : \rightsquigarrow_O^{l_1} \text{Commercial}\}$$

$$r_4 : \Rightarrow_O^{l_2} \text{ShareAlike}, \quad r_5 : \rightsquigarrow_O^{l_2} \text{Derivative}\}$$

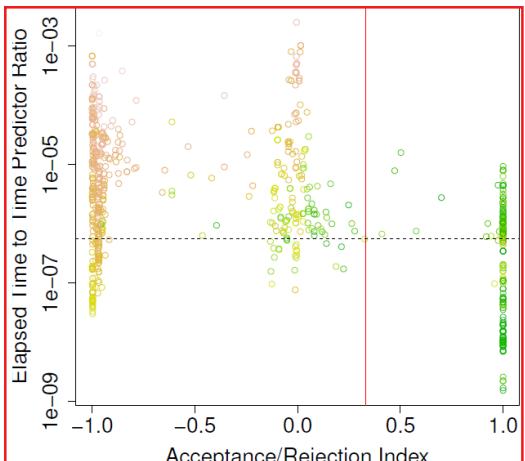


predict &
explain



[Hasan et al.]

[Tettamanzi et al.]



find missing
knowledge

$$\phi = \text{SubClassOf}(dbo:\text{LaunchPad} \text{ dbo:Infrastructure})$$



DÉCOUVRIR, APPRENDRE ET RÉUSSIR

QU'EST-CE QUE FUN ?

ACTUALITÉS

LES COURS

LES ÉTABLISSEMENTS

SE DÉCONNECTER

Web sémantique et Web de données

[Gandon, Corby, Faron-Zucker]



présentation

A PROPOS DU COURS

Ce cours vous propose de vous former aux standards du Web de données et du Web sémantique. Il vous présentera les langages qui permettent :

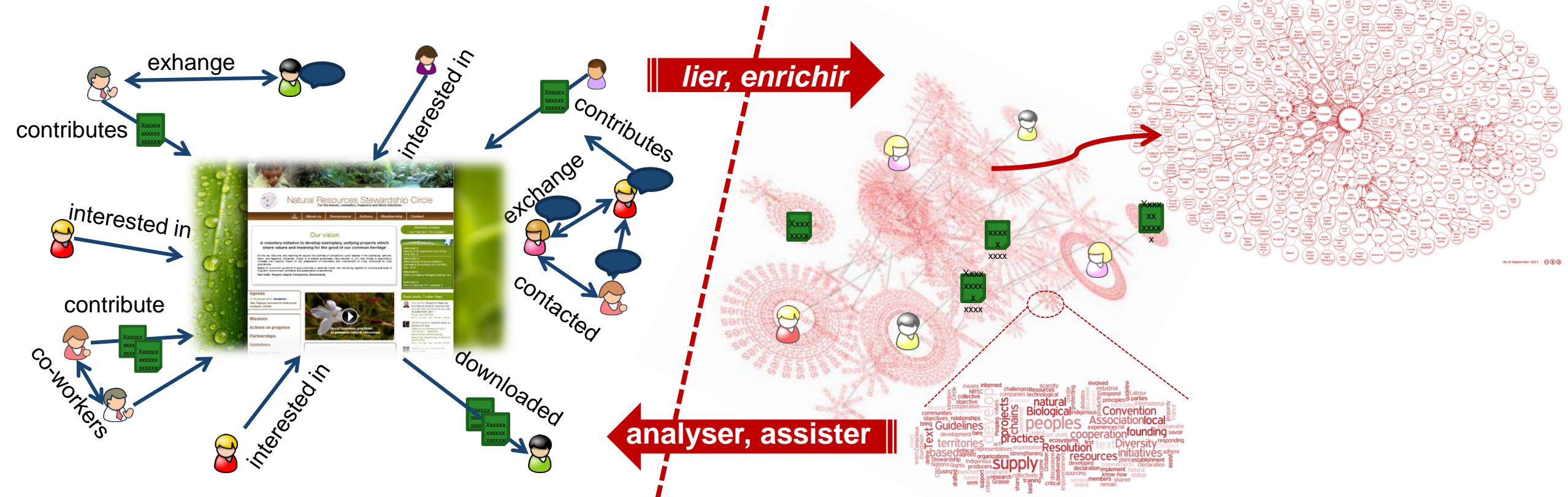
- de représenter et de publier des données liées sur le Web (RDF) ;
- d'interroger et de sélectionner très précisément ces données à distance et au travers du Web (SPARQL) ;

Voir la vidéo de présentation du cours



société coopérative spin-off wimmics

intégration aux SI, veille, intelligence, réseaux sociaux d'entreprise



he who controls metadata, controls the web
and through the *world-wide* web many things in our world.



Fabien Gandon - @fabien_gandon - <http://fabien.info>

Web-instrumented man-machine interactions, communities and semantics

Technical details: <http://bit.ly/wimmics-papers>

