

University of Oxford

COST Action IS1310 Conference

22-23 March 2015

Data visualisation and information design for humanistic inquiries: my brief perspective.

Glauco Mantegari

Information obesity

The Information Diet

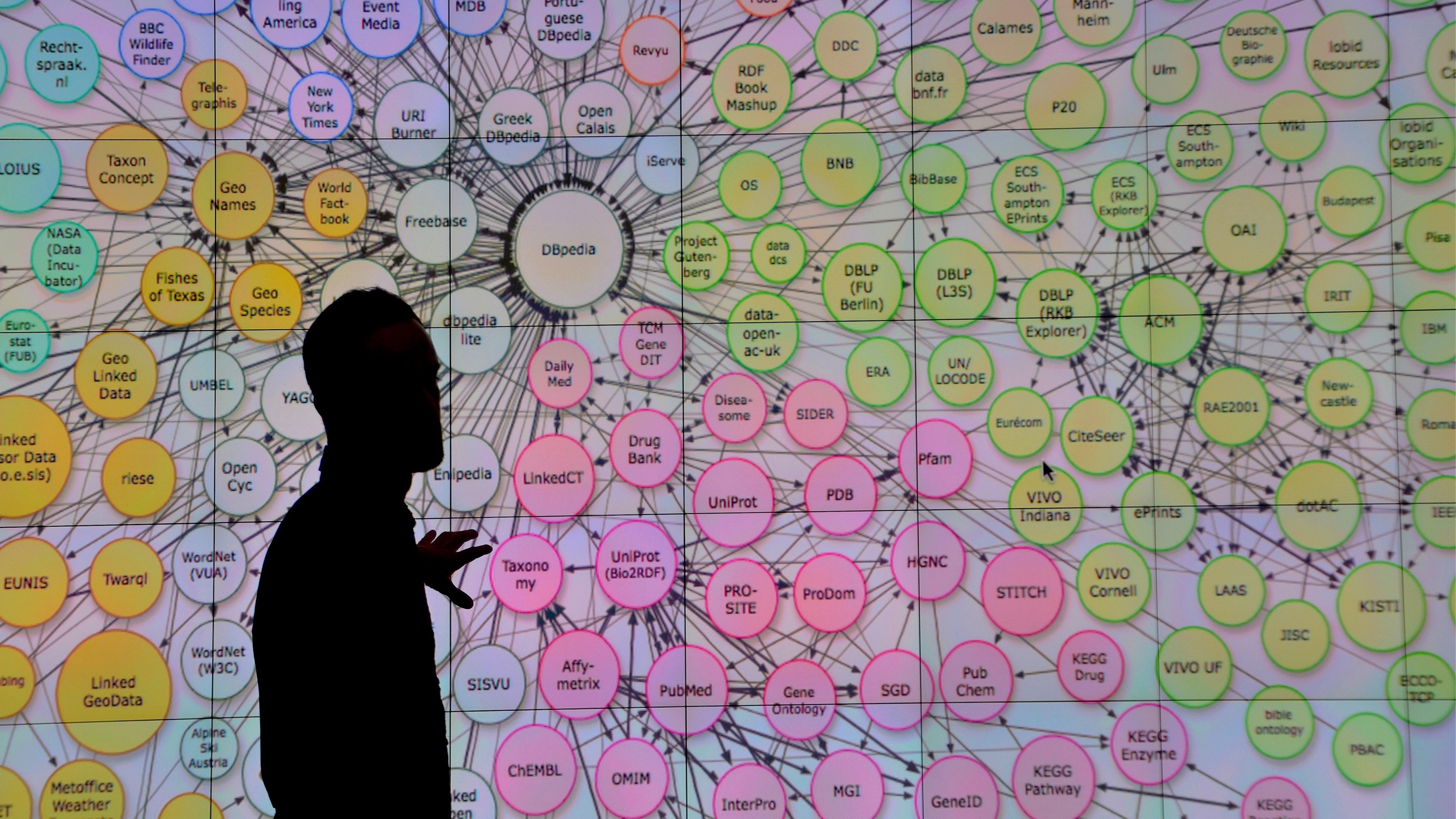
A Case for Conscious Consumption

Amount Per Serving	
Total Words 53440	267 minutes
74% of Daily Recommended Intake	

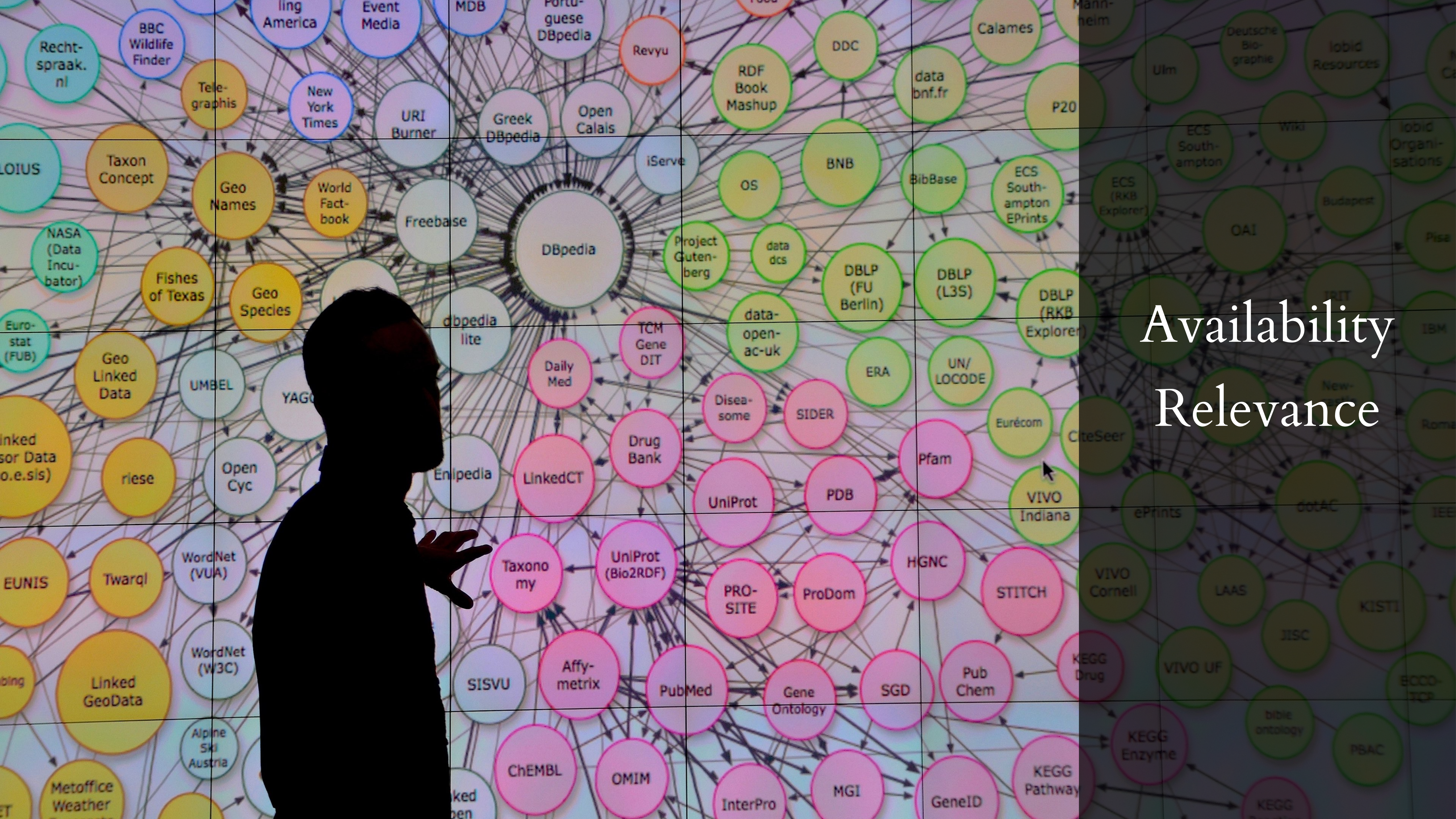
	% of Book
History	9%
Anecdotes	18%
Scientific Research	10%
Commentary	27%
Public Data	2%
Advice and Recommendations	32%
Notes and Citations	2%
Outcomes	
Healthier Lifestyle	50%
Increased Civic Effectiveness	10%
Stronger Relationships	15%
Higher Productivity	25%
Bias	
Ideological	10%
Professional	25%
Experiential	65%

O'REILLY®

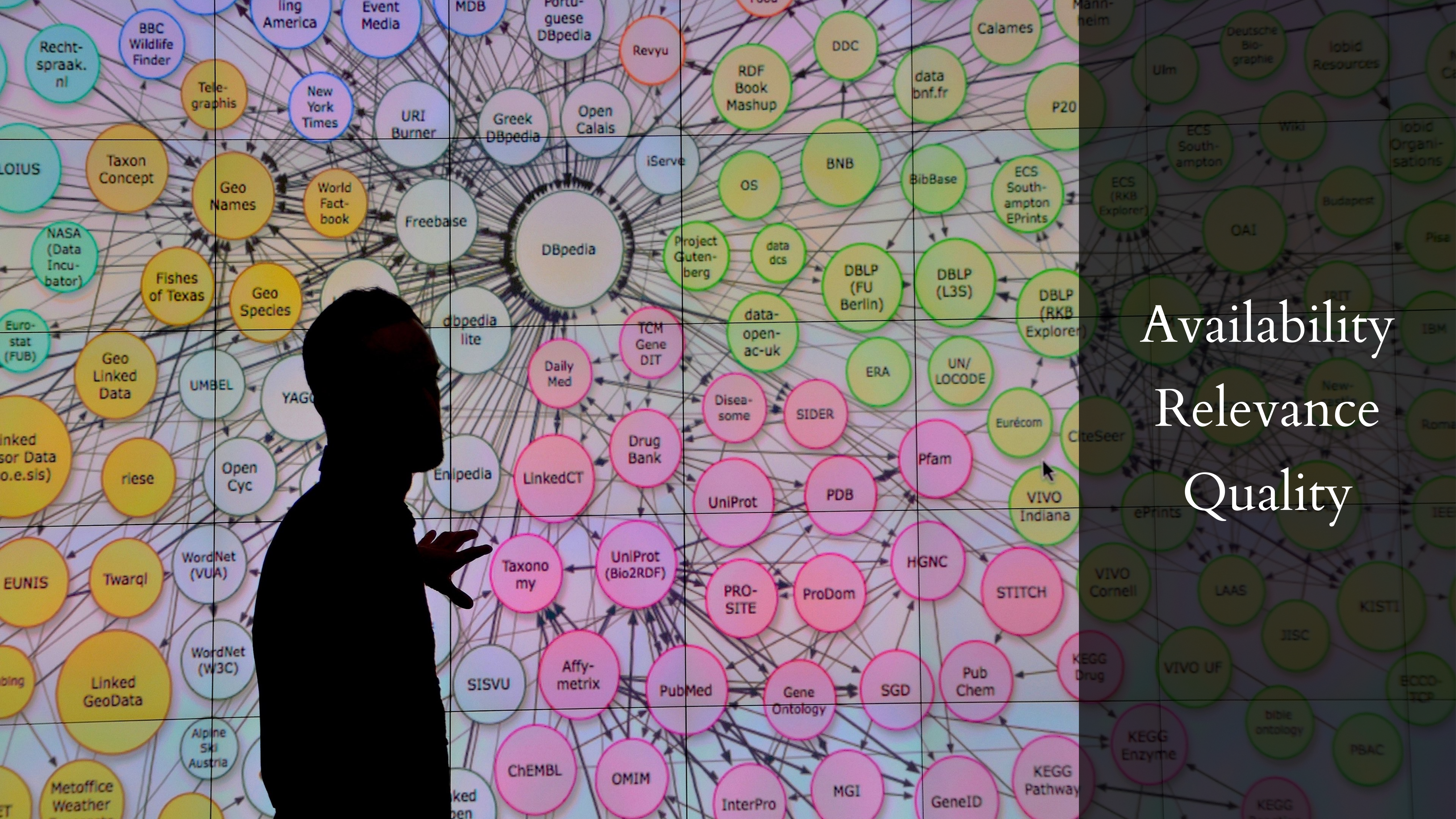
Clay A. Johnson







Availability
Relevance



Availability
Relevance
Quality

Finding (**relevant**) sources

Aether VOID Statistics Viewer

View statistics for:

SPARQL Endpoint:

ⓘ

http://df.fi/void/sparql

Graph:

↕

http://viaf.org/void/ (3 VoID descriptions, 334,093 triples)

Dataset:

↕

Compare against:

SPARQL Endpoint:

ⓘ

http://df.fi/void/sparql

Graph:

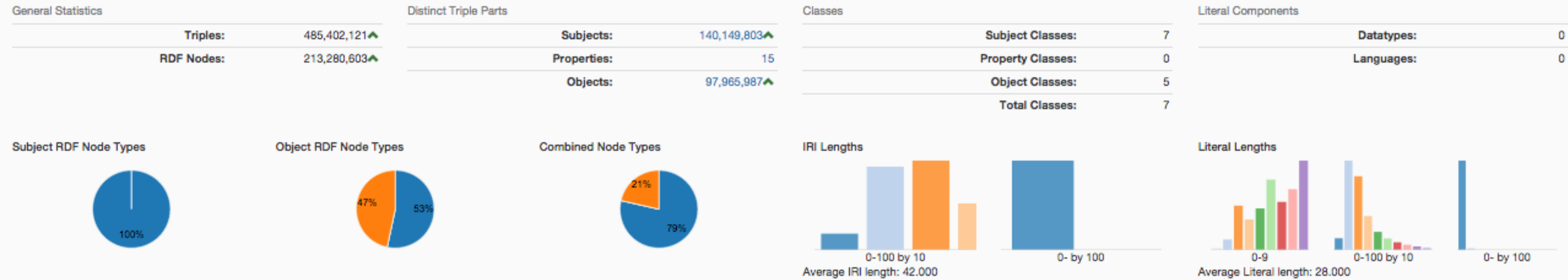
↕

http://viaf.org/void/ (3 VoID descriptions, 334,093 triples)

Dataset:

↕

General Statistics

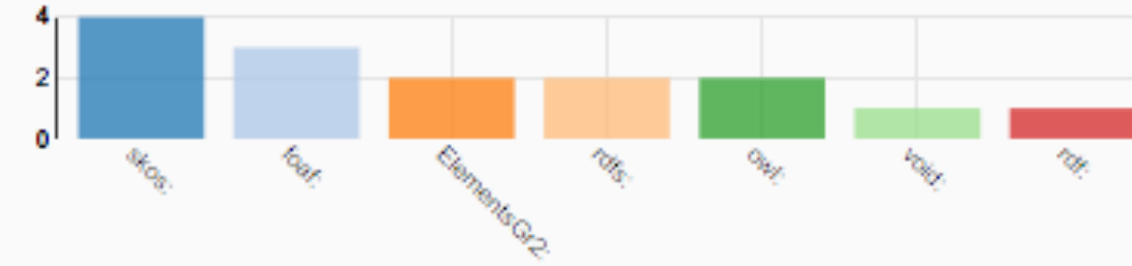


Namespace Information

0.1: http://xmains.com/foaf/0.1/ 121484: http://data.bnf.fr/ark:/12148/1760042622 1760042622: http://www.idref.fr/176004262/ 1760043192: http://www.idref.fr/176004319/ 1760043942: http://www.idref.fr/176004394/ 1760047182: http://www.idref.fr/176004718/ 1760048312: http://www.idref.fr/176004831/ 1760051022: http://www.idref.fr/176005102/ 1760053662: http://www.idref.fr/176005366/ FRBRentitiesRDA: http://rdvocab.info/uri/schema/FRBRentitiesRDA/	12148: http://catalogue.bnf.fr/ark:/12148/176004254 176004254: http://www.idref.fr/176004254/ 176004300: http://www.idref.fr/176004300/ 176004386: http://www.idref.fr/176004386/ 176004688: http://www.idref.fr/176004688/ 176004807: http://www.idref.fr/176004807/ 176004920: http://www.idref.fr/176004920/ 176005188: http://www.idref.fr/176005188/ 22-rdf-syntax-ns: http://www.w3.org/1999/02/22-rdf-syntax-ns# auth: http://libris.kb.se/resource/auth/	121482: http://data.bnf.fr/ark:/12148/1760042542 1760042542: http://www.idref.fr/176004254/ 1760043002: http://www.idref.fr/176004300/ 1760043862: http://www.idref.fr/176004386/ 1760046882: http://www.idref.fr/176004688/ 1760048072: http://www.idref.fr/176004807/ 1760049202: http://www.idref.fr/176004920/ 1760051882: http://www.idref.fr/176005188/ ElementsGr2: http://rdvocab.info/ElementsGr2/ auth2: http://nektar.oszk.hu/resource/auth/http://nektar.oszk.hu/resource/auth/	121483: http://catalogue.bnf.fr/ark:/12148/176004262 176004262: http://www.idref.fr/176004262/ 176004319: http://www.idref.fr/176004319/ 176004394: http://www.idref.fr/176004394/ 176004718: http://www.idref.fr/176004718/ 176004831: http://www.idref.fr/176004831/ 176005102: http://www.idref.fr/176005102/ 176005366: http://www.idref.fr/176005366/ ElementsGr22: http://rdvocab.info/ElementsGr2/ auth3: http://libris.kb.se/resource/auth/ auth4: http://nektar.oszk.hu/resource/auth/http://nektar.oszk.hu/resource/auth/ core2: http://www.w3.org/2004/02/skos/core# gnd2: http://d-nb.info/gnd/ ontology: http://dbpedia.org/ontology/ rdf: http://www.w3.org/1999/02/22-rdf-syntax-ns# resource2: http://dbpedia.org/resource/ void: http://rdfs.org/ns/void#
authorityScheme: http://viaf.org/authorityScheme/ dbpo: http://dbpedia.org/ontology/ laabs: http://dbpedia.org/resource/ owl: http://www.w3.org/2002/07/owl# rdf-schema: http://www.w3.org/2000/01/rdf-schema# skos: http://www.w3.org/2004/02/skos/core# void2: http://rdfs.org/ns/void#	authorityScheme2: http://viaf.org/authorityScheme/ dnb: http://d-nb.info/gnd/ names: http://id.loc.gov/authorities/names/ owl2: http://www.w3.org/2002/07/owl# rdf-schema2: http://www.w3.org/2000/01/rdf-schema# viaf2: http://viaf.org/viaf/	authorityScheme3: http://viaf.org/authorityScheme/ foaf: http://xmains.com/foaf/0.1/ names2: http://id.loc.gov/authorities/names/ rdafbr: http://rdvocab.info/uri/schema/FRBRentitiesRDA/ rdfs: http://www.w3.org/2000/01/rdf-schema# viaf3: http://viaf.org/viaf/	

Items shown account for 100.00% of properties (not accounting for multi-instances)

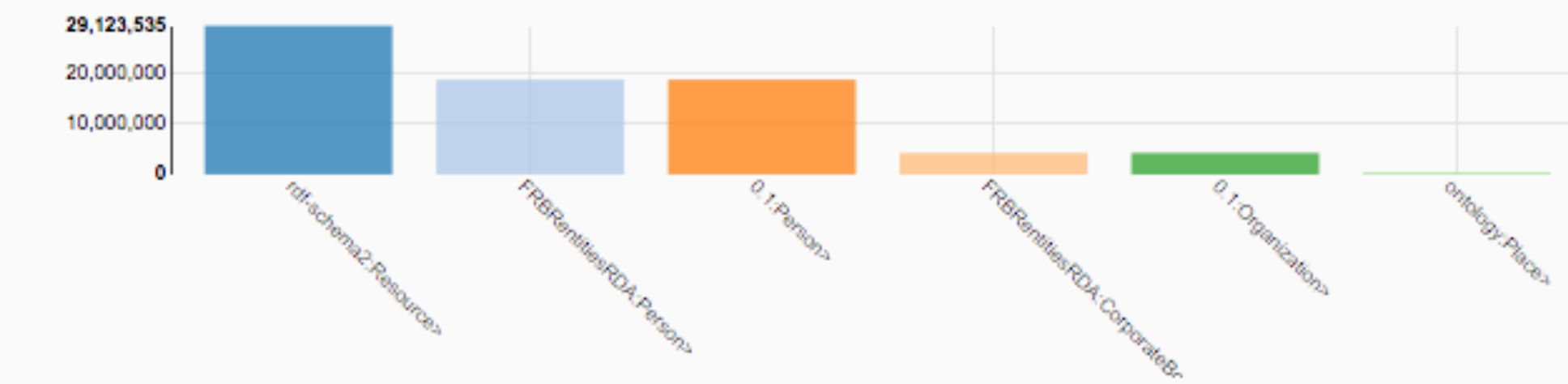
Property Namespaces



Namespaces shown account for 100.00% of properties

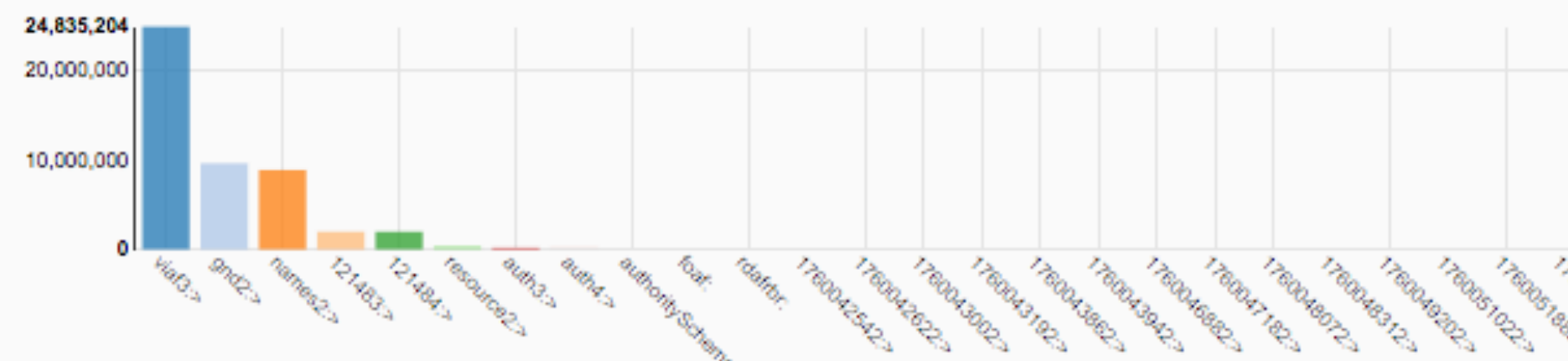
Properties shown account for 100.00% of total triples

Object Resource Classes



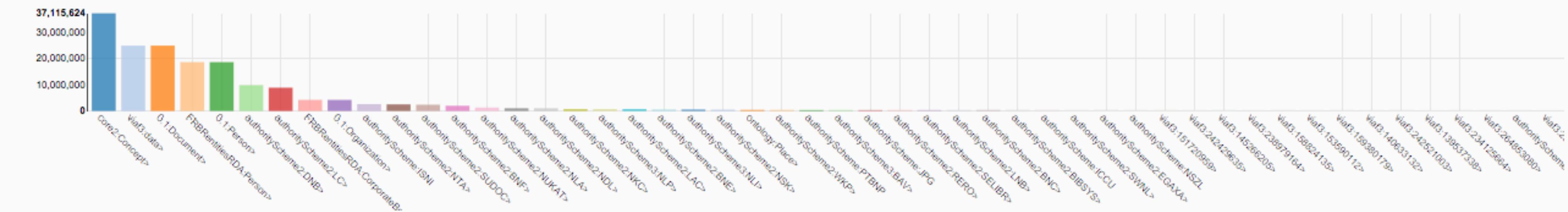
Items shown account for 143.53% of total resource objects (if no multi-instances)

Object IRI Reference Namespaces



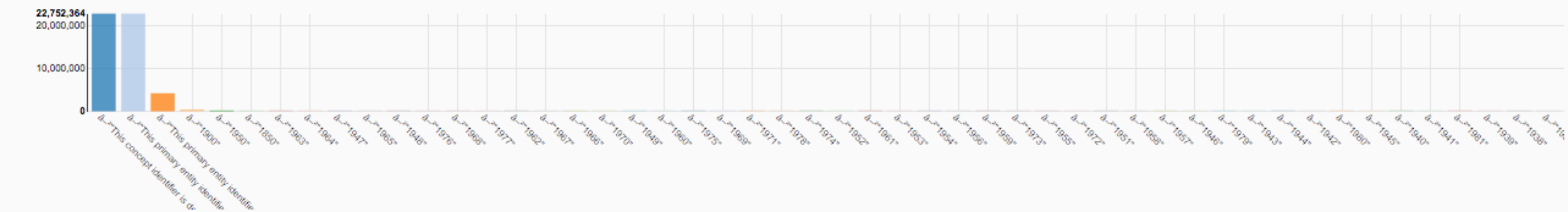
Namespaces shown account for 91.39% of total object IRI References

Most Referenced Resource Objects



Resources shown account for 35.02% of total triples

Most Referenced Literal Objects



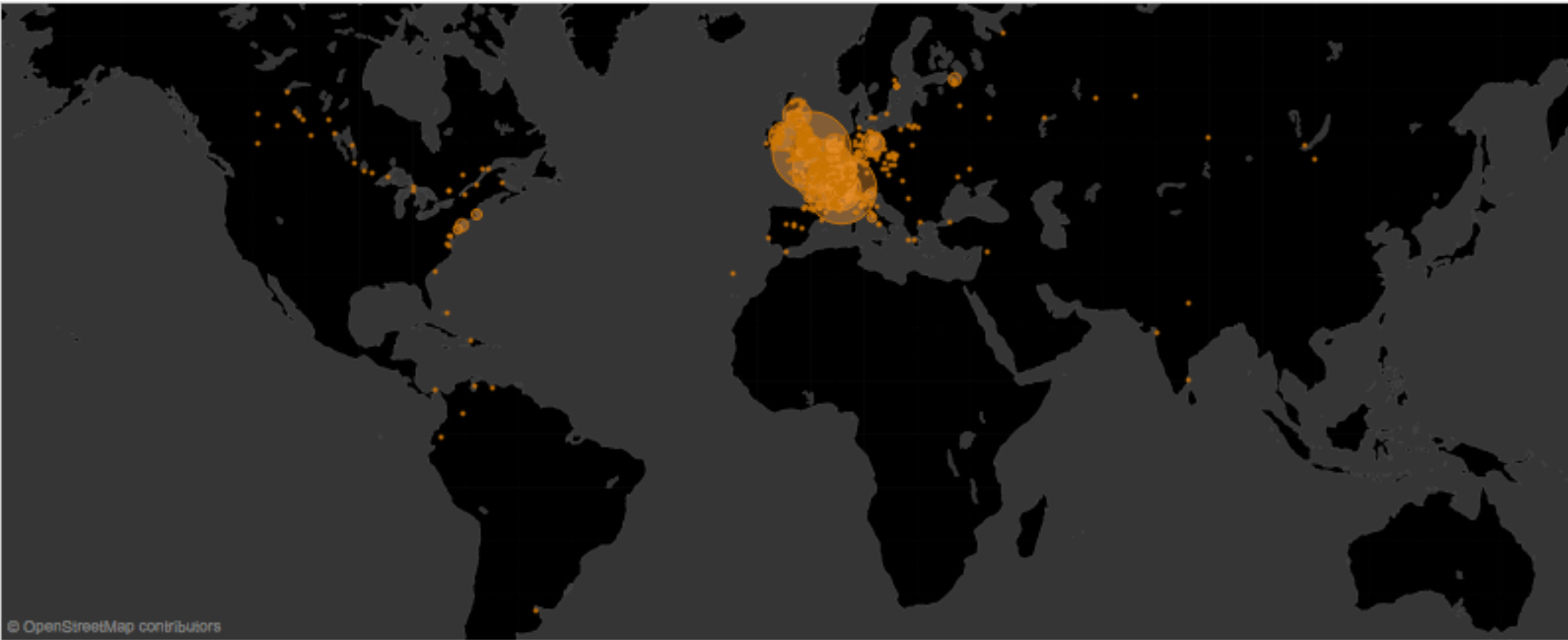
Literals shown account for 10.89% of total triples

Help

- Clicking on an item in the graphs above limits data to match that restriction.
- Double-clicking on an item runs a SPARQL query appropriate to the statistic on the endpoint associated with the description.
- Any statistics missing from the description will also be calculated on the live endpoint.

Canvases for (open-ended) explorations

Source



Null	Null	25.245
London	United Kingdom	4.926
Ferney	France	3.891
Paris	France	3.094
Les Délices, ..	Switzerland	1.355
Geneva	Switzerland	825
Edinburgh	United Kingdom	625
Dublin	Ireland	607
Môtiers-Trav..	Switzerland	524
Cirey-sur-Bl..	France	484
Weston Und..	United Kingdom	478
Potsdam	Germany	434
Amsterdam	Netherlands	371
Montmorency	France	357
Twickenham	United Kingdom	348
Oxford	United Kingdom	299

Authors

Null	Null	1
	perroj..	1
— Aleaume	aleau..	1
— Alvarez	alvare..	1
— Anselm	ansel..	1
— Augé	auge0..	2
— Bauer	bauer..	1
— Beaupré	beaup..	1
— Berger	berger..	2
— Beverley	beverl..	1
— Bonin	bonin..	1
— Bregenzer	brege..	3
— Bruny	bruny..	1
— Burke	burke..	1
— Cahouët	cahou..	1
— Cambry de ..	cambr..	1
— Cap de Ville	capde..	1
— Castellan	castell..	1
— Champion	cham..	1
— Charlier	charlie..	2
— Chevallier	cheval..	1
— Cossinio	cossin..	1
— Courtial	court..	1
— Cuninghame	cuning..	1
— Dantan	danta..	1
— Daufine	daufin..	2
— de Briolay d..	briolay..	1
— de Chargey	charg..	1
— de Chaumar..	chau..	1
— de Frecinne	frecin..	1
— de Grange	grang..	1
— de Grassem..	grass..	1
— de Molin	molin0..	1
— de Palme	palme..	1
— de Rocqueb..	rocqu..	1
— de Saingerm	saingerm	1

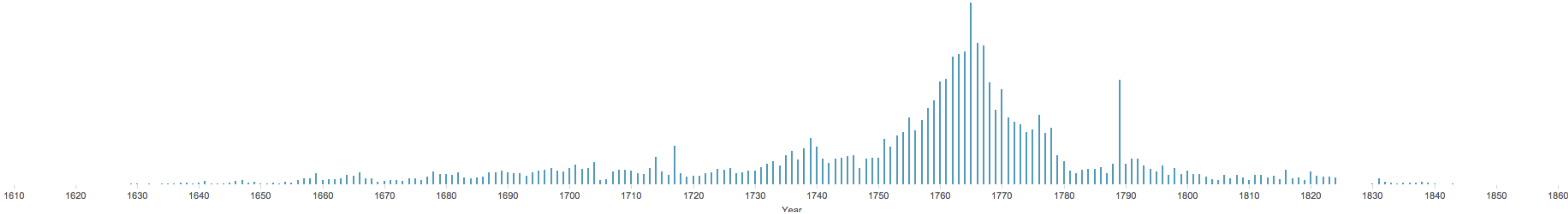
Recipients

— Beaupré	beaupr..	1
— Bégon	begon0..	1
— Berger	berger..	64
— Bonin	bonin0..	1
— Boutet	boutet0..	2
— Bregenzer	bregen..	2
— Browne	browne..	1
— Charlier	charlier..	7
— Chavan	chavan..	1
— Chevallier	chevali..	2
— Chiezin	chiezin..	1
— Coindé	coinde..	4
— Cousin	cousin..	1
— Dantoine	dantoin..	1
— de Almanza	almanz..	1
— de Bresle	bresle0..	1
— de Briolay d..	briolay..	2
— de Marcy	marcy0..	1
— de Palme	palme0..	1
— de Raimond	raimon..	1
— de Roncières	roncier..	2
— de Saingerm..	saingd..	2
— de Valbene	valben..	1
— Demoulin	demoul..	1
— Desbans	desban..	1
— Descévole	descev..	1
— Dumoustier ..	dumou..	1
— Durade de L'..	durade..	1
— Durand	durand..	8
— Eamonson	eamon..	1
— Favières	faviere..	1
— Gay de Nobl..	gayden..	2
— Genep	genep0..	1
— Germon	germo..	1
— Grail	grail00..	1
— Guénat	guenat	4

Destination



Null	Null	39.235
London	United Kingdom	3.886
Paris	France	2.432
Geneva	Switzerland	949
Môtiers-Trav..	Switzerland	787
Lyon	France	511
Montmorency	France	373
New York	United States	369
Dublin	Ireland	360
Amsterdam	Netherlands	267
Neuchâtel	Switzerland	248
Oxford	United Kingdom	232
Ferney	France	229
Rouen	France	169
Edinburgh	United Kingdom	116
Carmarthen	United Kingdom	109

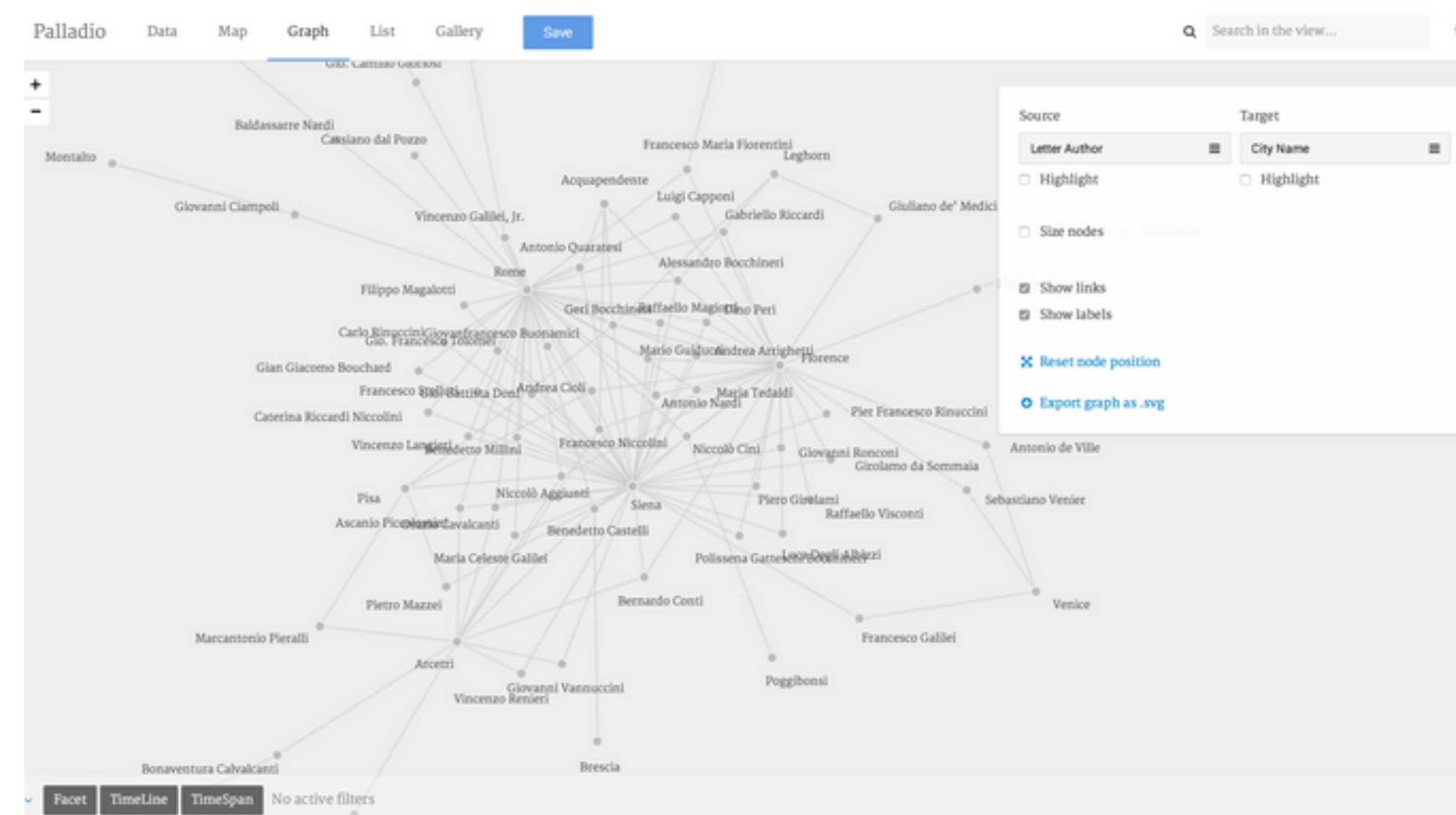
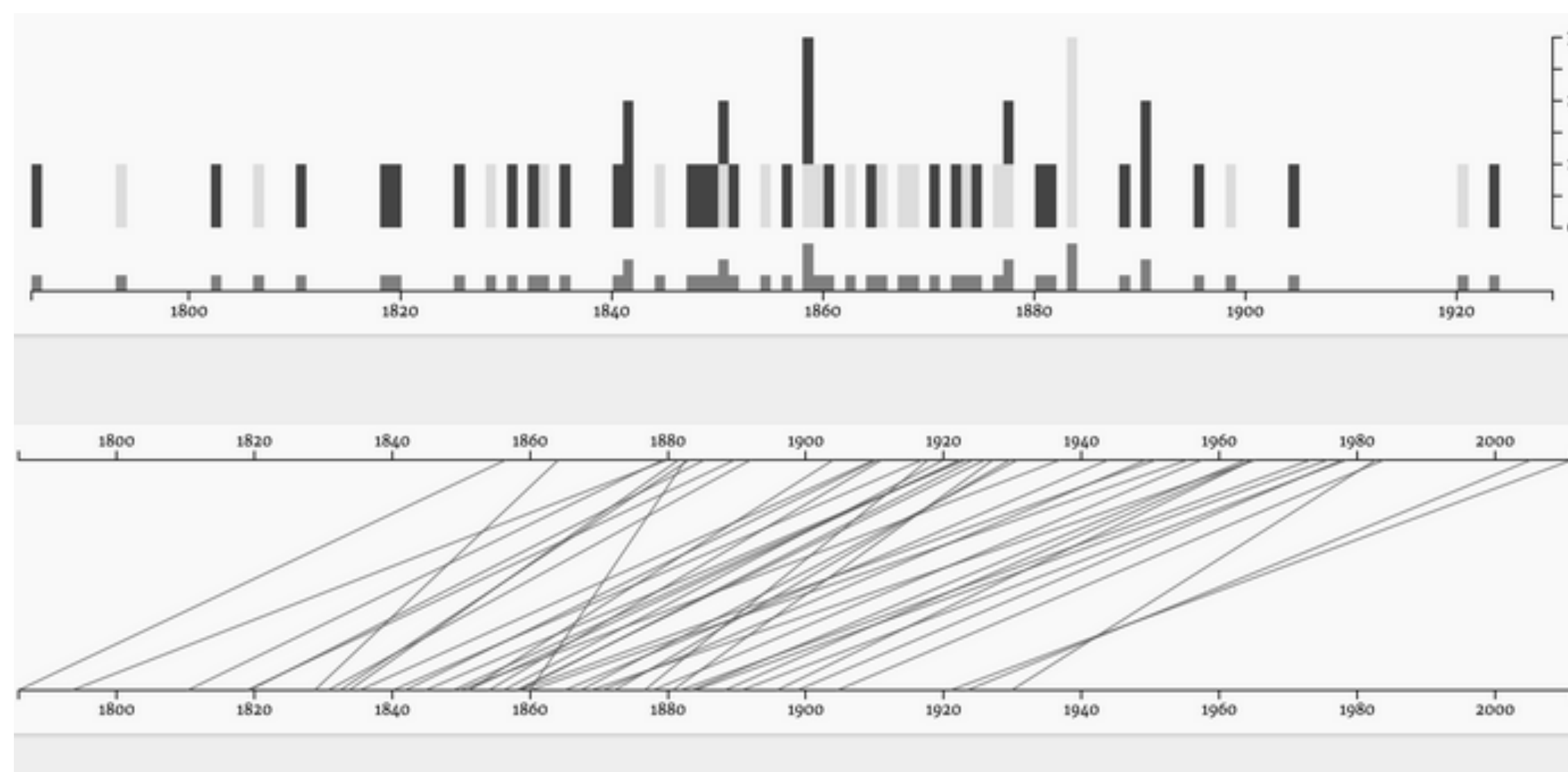
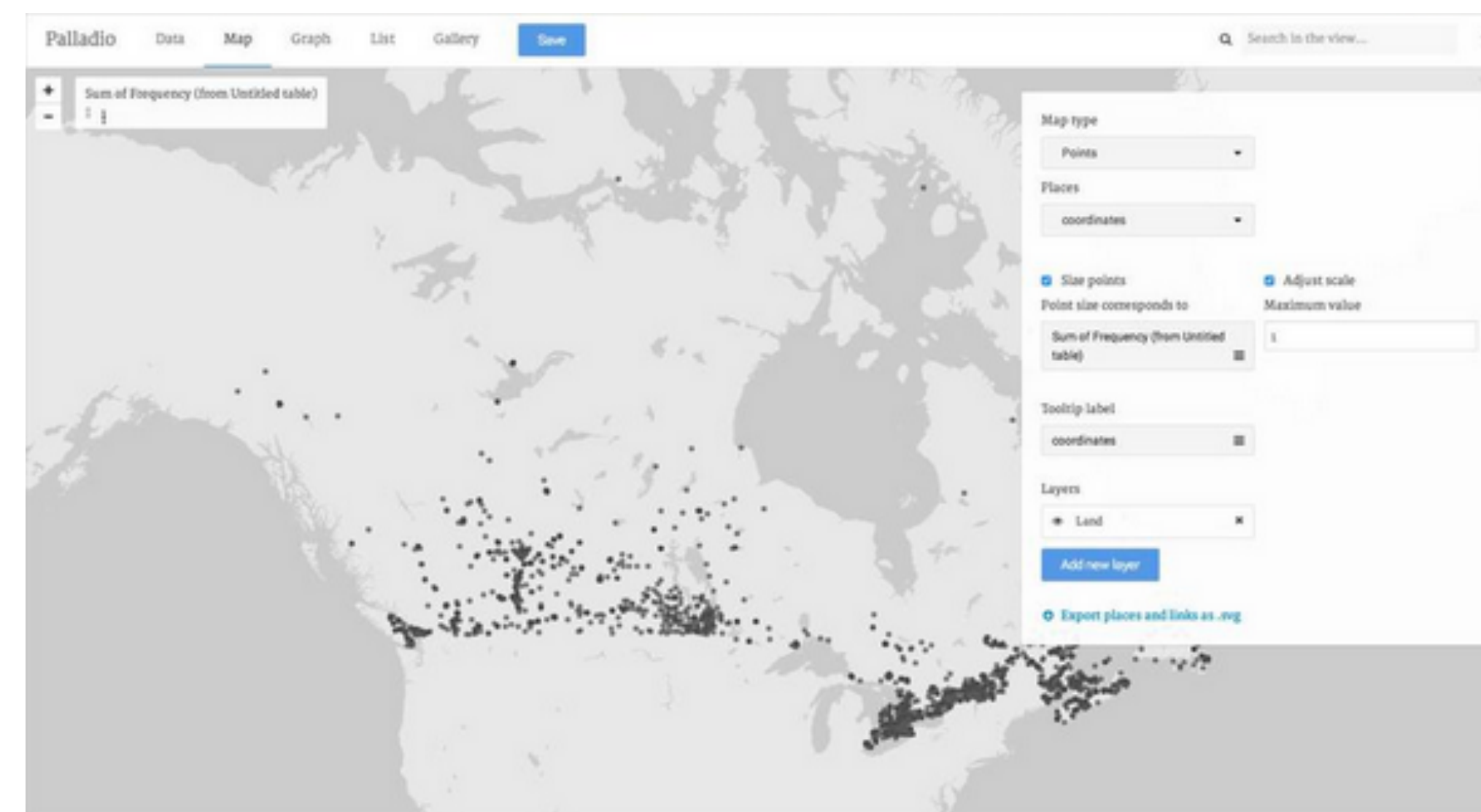




Palladio

Humanities thinking about data visualization.

Humanities + Design a Research Lab at Stanford University



Facilitating (serendipitous) discovery

DaCena

PROJECT OVERVIEW

DaCENA (Data Context for News Articles) is a web application that showcases a new approach to reading online news articles with the support of a data context built from interlinked facts available in the Web of Data. Given a source article, a set of facts that are estimated to be more interesting for the readers are extracted from the Web and presented using tailored information visualization methods and an interactive user interface. By looking at these facts, the reader access background factual knowledge with the advantage of being supported in the interpretation of the news content and being suggested connections to related topics to further explore.

[READ MORE](#)

EXPLORE THE ARTICLES

Apple Profit Rises 24% on Sales of iPhone 5

By NICK WINGFIELD
OCTOBER 25, 2012

Italy and France Blink in Budget Battle With Eu...

By DAVID JOLLY
OCT. 28, 2014

A Threat to Spanish Democracy

By CAYETANA ÁLVAREZ DE TOLEDO
NOV. 7, 2014

Pope Francis Names New Leadership for Vatican Bank

By JIM YARDLEY
JULY 9, 2014

Shakespeare Folio Discovered in France

By JENNIFER SCHUESSLER
NOV. 25, 2014

Israel Narrows Its Democracy

By THE EDITORIAL BOARD
NOV. 24, 2014

Shakespeare Folio Discovered in France

By JENNIFER SCHUESSLER

NOV. 25, 2014

🔗 Original Article

MAIN ENTITY: **WILLIAM SHAKESPEARE**

First folios of Shakespeare’s plays are among the world’s rarest books, intensely scrutinized by scholars for what their sometimes-minute variations — each copy is different — reveal about the playwright’s intentions. Now a previously unknown folio has surfaced at a small library in northern **France**, bringing the world’s known total of surviving first folios to 233. “This is huge,” said Eric Rasmussen, an American Shakespeare expert who traveled to **France** over the weekend to authenticate the volume. “First folios don’t turn up very often, and when they do, it’s usually a really chewed up, uninteresting copy. But this one is magnificent.” The book was discovered this fall by librarians at a public library in St.-Omer, near Calais, who were sifting through its collections for an exhibition on English-language literature. The title page and other introductory material were torn off, but Rémy Cordonnier, the director of the library’s medieval and early modern collection, suspected that the book — cataloged as an unexceptional old edition — might in fact be a first folio. He called in Mr. Rasmussen, a professor at the University of Nevada in Reno and the author of “The Shakespeare First Folios:

Serendipity ⓘ



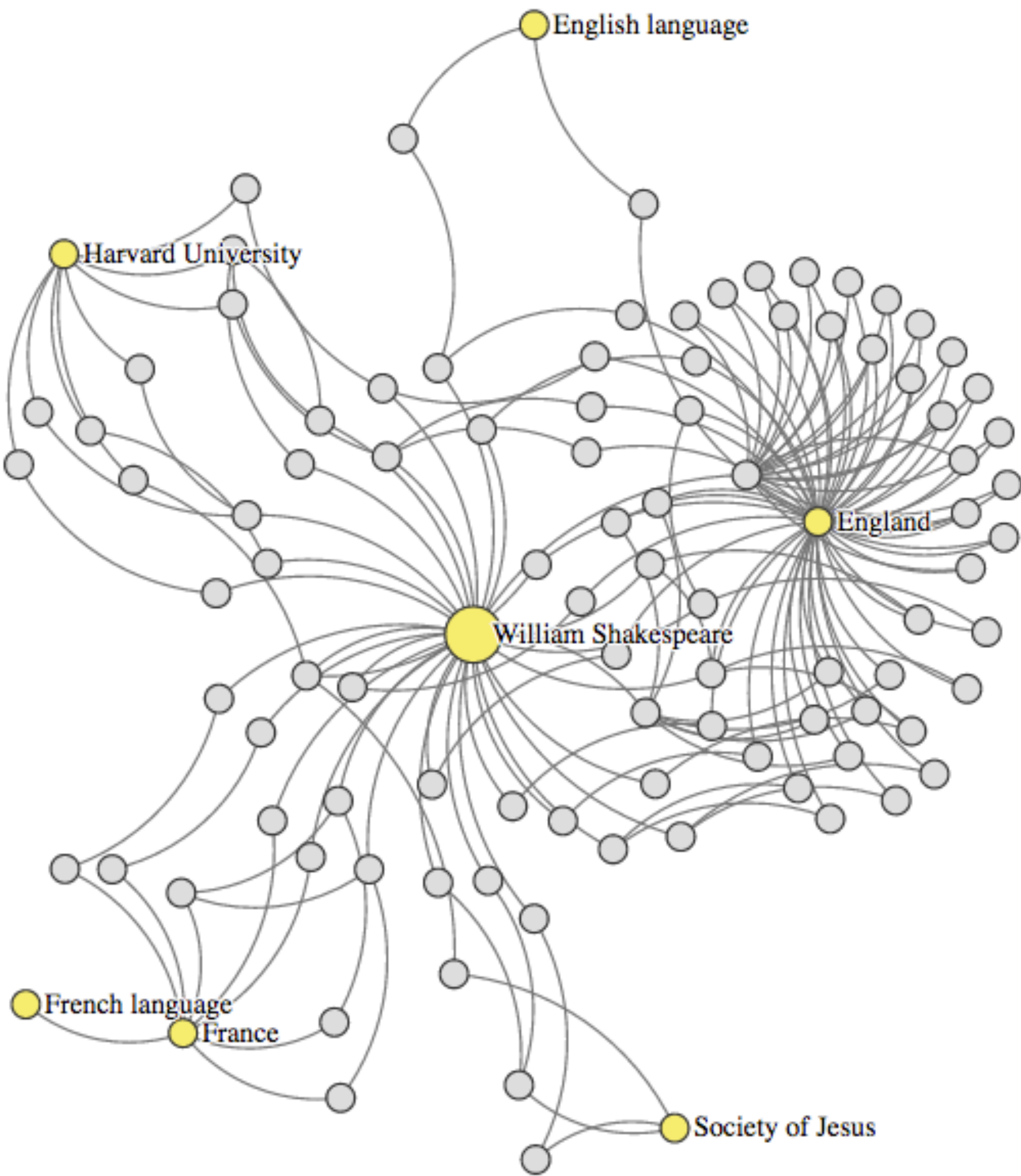
Threshold ⓘ

100 / 857

Path length

- 1
- 2
- 3

Show the complete network



Shakespeare Folio Discovered in France

By JENNIFER SCHUESSLER
NOV. 25, 2014
🔗 Original Article

MAIN ENTITY: **WILLIAM SHAKESPEARE**

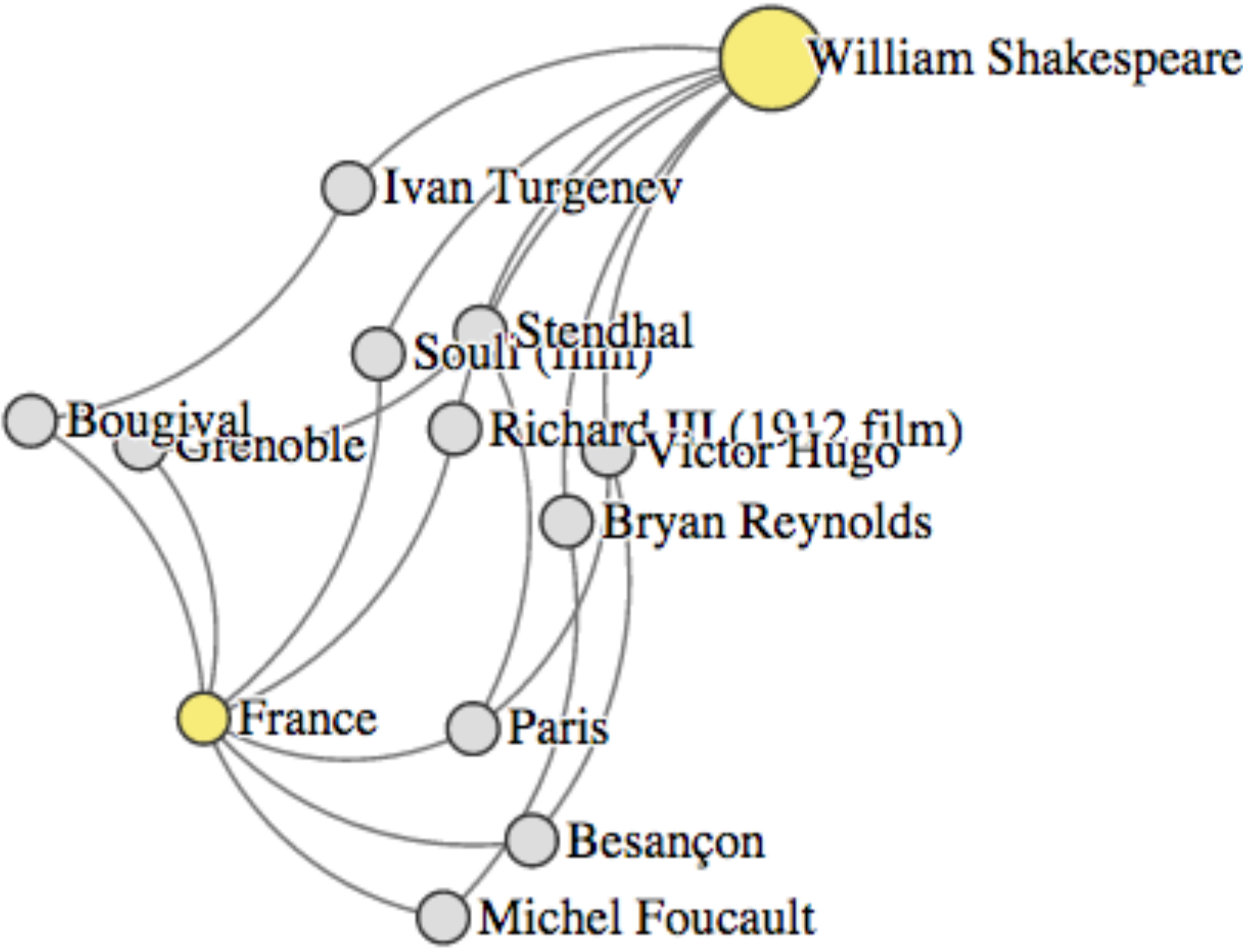
First folios of Shakespeare’s plays are among the world’s rarest books, intensely scrutinized by scholars for what their sometimes-minute variations — each copy is different — reveal about the playwright’s intentions. Now a previously unknown folio has surfaced at a small library in northern **France**, bringing the world’s known total of surviving first folios to 233. “This is huge,” said Eric Rasmussen, an American Shakespeare expert who traveled to **France** over the weekend to authenticate the volume. “First folios don’t turn up very often, and when they do, it’s usually a really chewed up, uninteresting copy. But this one is magnificent.” The book was discovered this fall by librarians at a public library in St.-Omer, near Calais, who were sifting through its collections for an exhibition on English-language literature. The title page and other introductory material were torn off, but Rémy Cordonnier, the director of the library’s medieval and early modern collection, suspected that the book — cataloged as an unexceptional old edition — might in fact be a first folio. He called in Mr. Rasmussen, a professor at the University of Nevada in Reno and the author of “The Shakespeare First Folios:

Serendipity ⓘ

Threshold ⓘ
100 / 857

Path length
1 2 3

Show the complete network



William Shakespeare	< writer	Richard III (1912 film)	country >	France
William Shakespeare	< writer	Souli (film)	country >	France
William Shakespeare	< mainInterest	Bryan Reynolds	influencedBy >	Michel Foucault birthPlace > France
William Shakespeare	< influencedBy	Victor Hugo	birthPlace >	Besançon country > France
William Shakespeare	< influencedBy	Stendhal	birthPlace >	Grenoble country > France
William Shakespeare	< influencedBy	Stendhal	deathPlace >	Paris country > France
William Shakespeare	< influencedBy	Ivan Turgenev	deathPlace >	Bougival country > France
William Shakespeare	< influencedBy	Victor Hugo	deathPlace >	Paris country > France

Near future challenges

If I have to pick one...

Dealing with
imprecise, vague, uncertain, missing
information

Absolute chronology			History of the city				Chronology of Italian history			
Centuries	Years	General periods	Periods defined by Caporusso (2007)	Other relevant periods	Events	Main periods	Other relevant periods	Events		
B.C.	VI	501-600	Pre-roman period	Origins		Roman Monarchic period		Tarquinius Superbus expelled from Rome		
		510								
	V	401-500								
	IV	301-400								
	III	201-300				Battle of <i>Clastidium</i> and Roman occupation	Roman Republican period			
		222								
A.D.	II	101-200	Roman period	From the <i>Insubres</i> to the Romans	Late Republican period	Lex Pompeia	Age of Augustus	Octavianus becomes Augustus		
	I	1-100		Lex Iulia		Augustus death				
		89								
		49								
		27								
		14.08.19								
	I	1-100		Between the end of the Roman Republic and the first centuries of the Roman Empire		Late Roman age		Maximianus becomes Augustus	Roman Imperial period	
	II	101-200								
	III	201-300						Maximianus death		
		286.04.01								
		310.07								
	IV	301-400						Imperial seat transferred to Ravenna		
	402									
V	401-500	The Christian city		Sack by Unns	Paleo-Christian age	Late Antique	Collapse of the Western Roman Empire			
	452									
	476.09.04									
VI	501-600	Middle Ages		Sack by the Goths	Early Middle Ages			Gregorius Magnus deat		
	538-539			Longobards occupation						
	569									
		604.03.12								

Glauco Mantegari

mantegla@gmail.com