



# Storytelling with Linked Open Data

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**KBR**



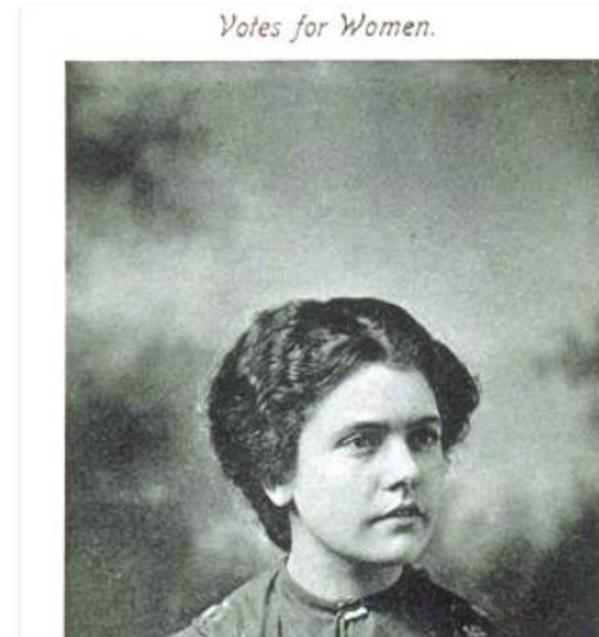
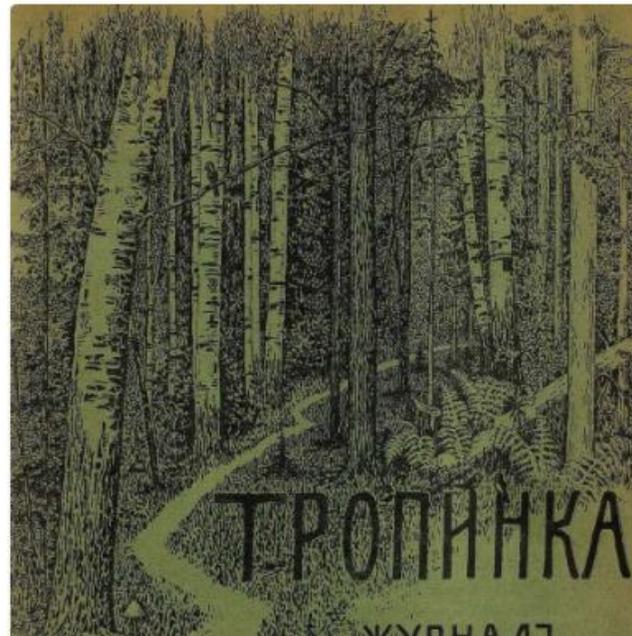
<https://stories.wechanged.ugent.be/>

## Women Editors in Europe, 1710-1920

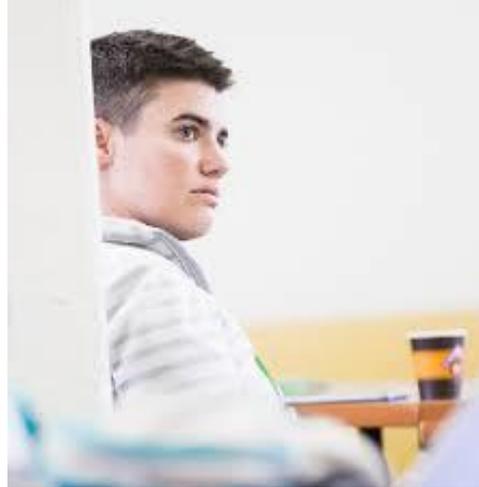
Linked Open Data Stories of women editors from the ERC funded WeChangEd research project database in collaboration with the Stories Services Collaborative

3330 STORIES IN THIS COLLECTION

Collection...



# Collaborators



Marianne Van Remoortel, Pieterjan de Potter, Kat Thornton, Kenny Seals-Nutt, Tom Gheldof, Frederic Pietowski, Andra Waagmesster; and contributors to the WeChangEd database Schelstrate, J.; Alesina, M.; Bezari, C.; D'Eer, C.; Forestier, E

Ετος 1897    Το Αρχαιον της 27 Οκτωβριου 1905    Αριθ. 825

# Εφημερίς των Κυριων

**ΕΒΔΟΜΑΔΙΑΙΑ**  
ΣΥΝΤΑΚΤΟΝΕΝ ΥΠΟ ΚΥΡΙΑΝ

ΔΙΕΥΘΥΝΤΗΣ  
**ΚΑΛΑΜΠΟΝ ΠΑΡΡΗΣ**

ΤΡΑΠΕΖΗ ΔΙΕΥΘΥΝΣΕΩΣ  
17 ΜΗ ΜΑΥΡΟΥΣΣΑΝΟΥ

Τηλεφων. αριθμοσ 407  
αριθμοσ 408 11-12 κ. κ.

Τιμη ετησια 10 λ. ημισια 5 λ. ημερησια 1 λ. 1/2

Τηλεγραφ. αριθμοσ 111

# ΠΡΩΤΗ

ΤΥΠΟΓΡΑΦΕΙΑ    76 52    14 ΜΑΡΤΙΟΥ 1911

ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΚΔΟΣΗ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΚΔΟΣΗ

Εκδόσεις: 1911



# DER BAZAR.

Wochenblatt für die Frauenwelt

# CSALÁDI KÖR

Hétlap a nevét magyar házyok számára.

1. SZÁM. 1905. évi.

# La Fronde

POURQUOI?    On dit...

Le Frondeur

Le Frondeur

Le Frondeur





← Harper's Bazar



Englishwoman's Domestic Magazine



Gracieuse

Der Bazar



Novyi Russkii Bazar



La Mode illustrée

Magyar Bazár



La Moda elegante



La Novità





# Textual sources as information



18th-century British periodica...  
en.wikipedia.org



Medical Graphics Quarterly R...  
vectormagz.pro



British boys' magazines - Wik...  
wikiwand.com



February | 2008 | ExecutedTo...  
executedtoday.com



Historical Author writing articles  
coolpicz.pw



Old View Late 19th Cent Pl...  
chc.info



Digital Archive of Documents ...  
www2.cs.arizona.edu



Women's Journal  
spartacus-educational.com



The London Magazine - Wikip...  
en.wikipedia.org



The London Magazine - Wikip...  
en.wikipedia.org



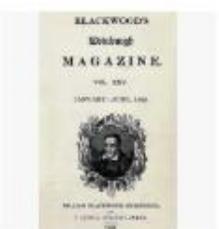
19th-century British periodica...  
en.wikipedia.org



19th-century British periodica...  
en.wikipedia.org



19th-century British periodica...  
en.wikipedia.org



19th-century British periodica...  
en.wikipedia.org



19th-century British periodica...  
en.wikipedia.org



The Gentleman's Magazine - ...  
en.wikipedia.org



Fashionable Stoop - Punch 1...  
pinterest.com



1827 - The London Library Ga...  
pinterest.com



The Graphic - Wikipedia  
en.wikipedia.org



Nineteenth-Century Medical Journals ...  
conscicom.org



The London Magazine  
thelondonmagazine.co.uk



Stuck in the mud... Pictures | Get...  
gettyimages.com



19th-century British periodi...  
en.wikipedia.org



Design for the Cover of a ...  
stamy.com



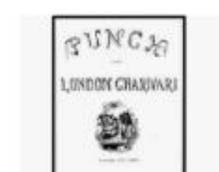
The Illustrated London Ne...  
en.wikipedia.org



London Society - Wikipedia  
en.wikipedia.org



Punch (magazine) - Wikipedia  
en.wikipedia.org





# Relational data: a simple example

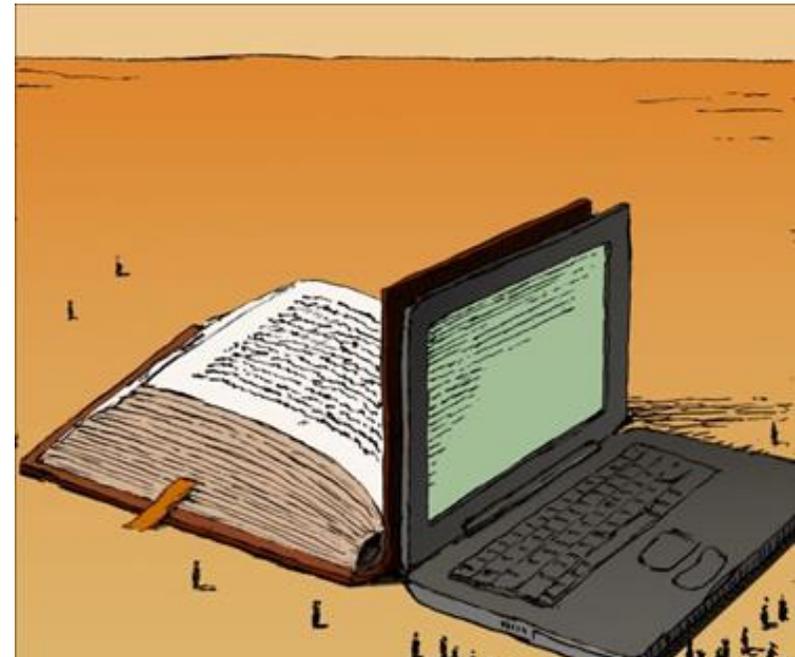
itemid	orderid	item	amount
5	1	Chair	200.00
6	1	Table	200.00
7	1	Lamp	123.12

customerid	name	email
5	Rosalyn Rivera	rosalyn@adatum.com
6	Jayne Sargent	jayne@contoso.com
7	Dean Luong	dean@contoso.com

orderid	customerid	date	amount
1	4	11/1/17	523.12
2	3	11/15/17	32.99
3	1	11/21/17	23.99

# Database (e.g. catalogue, data management systems)

- Allows us to structure information,
- Which aids us in sorting, identify specific patterns, consider larger amounts of information, and analyze - map and compare data points,
- This does not have to be on a computer. But computational approaches afford increased velocity, volume, variety, and veracity.



# An example: excerpt of the WeChangEd project

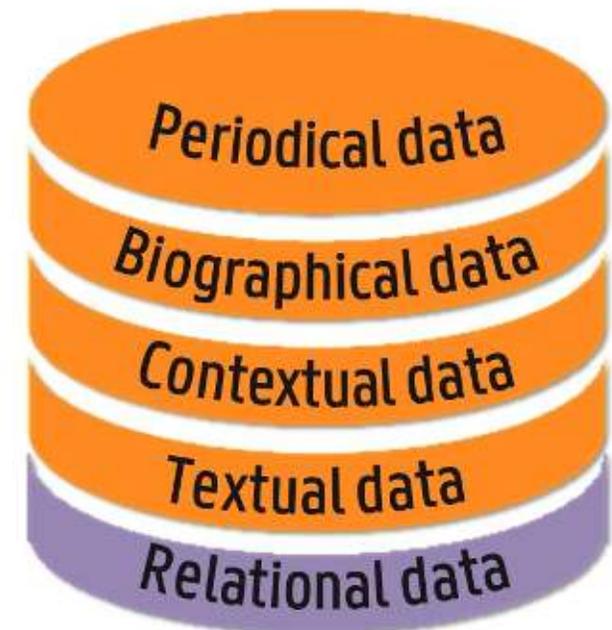
Research question: The 19<sup>th</sup> century in Britain saw changing roles for women, where women served as editors of periodicals. To understand who they were and hypothesize about their roles in history, the press, and daily function as editors we need to map the transnational networks of intellectual exchange in which women editors participated, with particular attention to the periodicals they edited.

# Developing a database

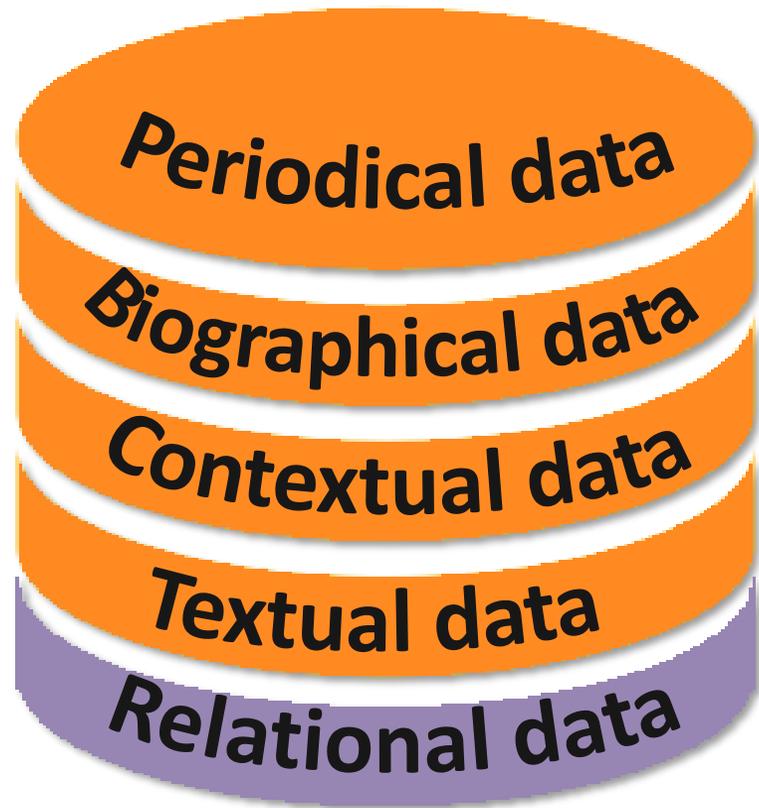
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# Approach

- 1) Collect, store and organize biographical information on the editors;
- 2) Collect, store and organize information on the periodicals they worked on
- 3) In a relational database - relating two or more items.



# The Database

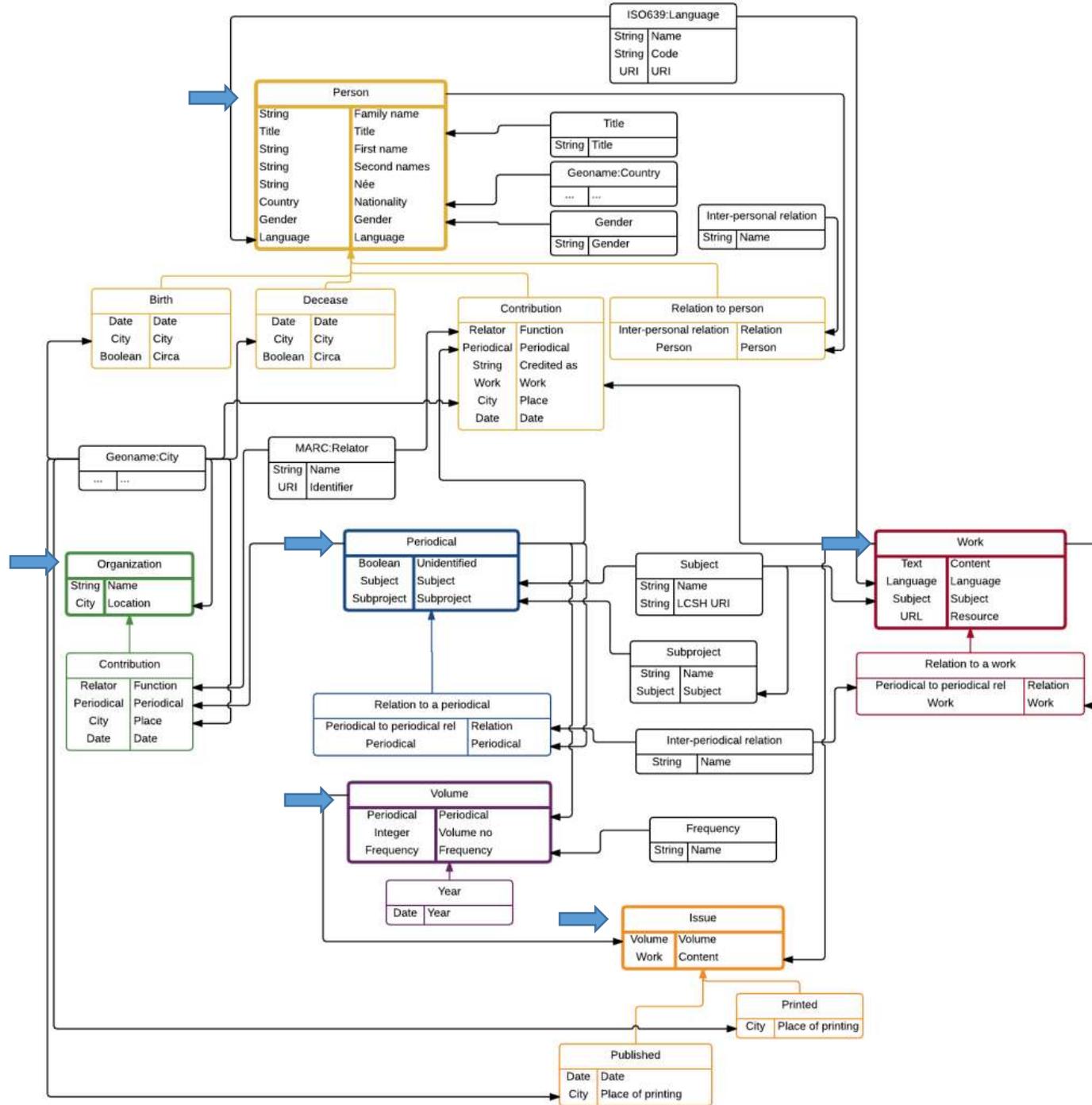


Schelstraete, Jasper, and Marianne Van Remoortel.  
"Towards a sustainable and collaborative data model for  
periodical studies." *Media History* (2018): 1-19.



AGENTS OF CHANGE

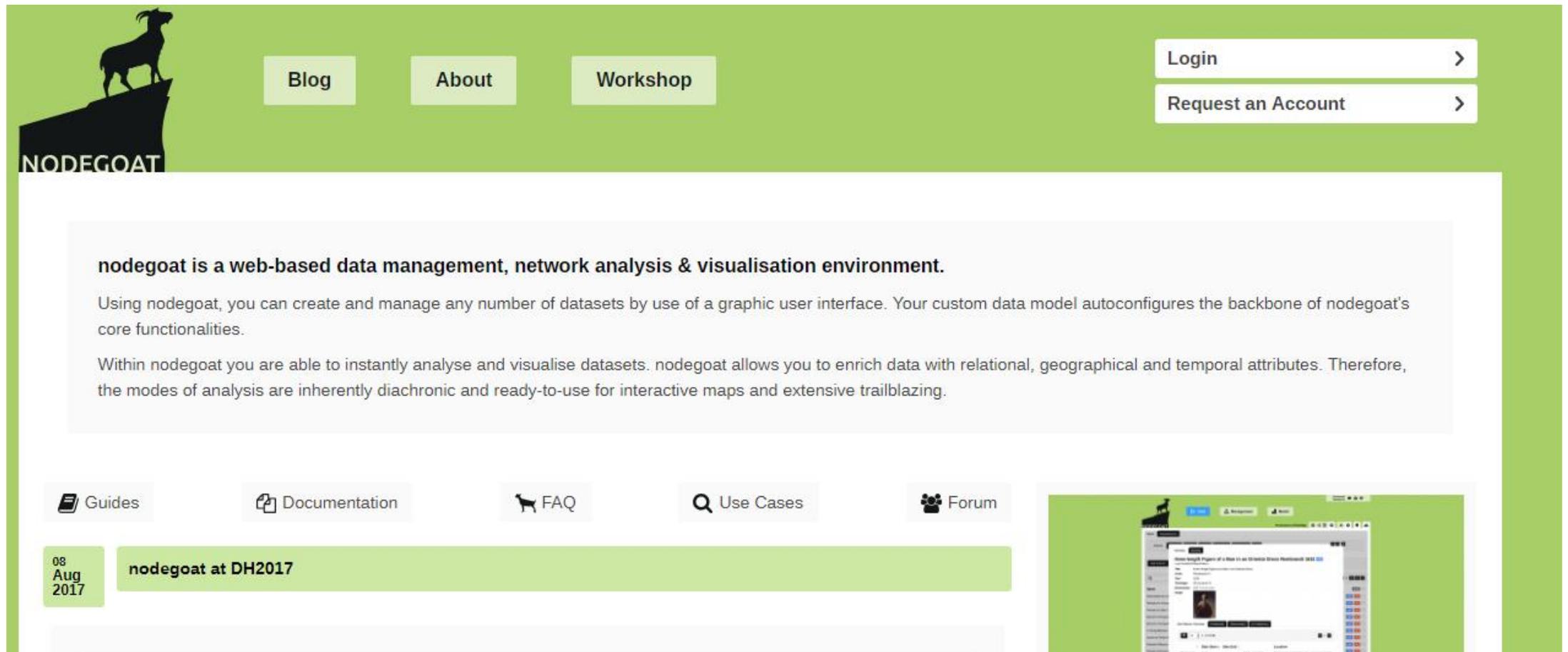
Winnies Ribbes and Søren Cultural Transformation in Europe 1700-1800



- Key data models**
  - Person (VIAF)
  - Periodical (ISSN)
- Key data properties**
  - Place(s) (Geonames)
  - Date(s)
  - Language (ISO 639.2)
- Key links**
  - Periodical-periodical (PRESSoo)
  - Periodical-person (MARC relators)
  - Person-person (FOAF?)

# Nodegoat

Web-based collaborative relational data management system & visualisation environment.



The screenshot shows the Nodegoat website homepage. At the top left is the Nodegoat logo, a silhouette of a goat on a rock with the text 'NODEGOAT' below it. To the right of the logo are three navigation buttons: 'Blog', 'About', and 'Workshop'. Further right are two white buttons with green text: 'Login' and 'Request an Account', both with right-pointing chevrons. The main content area features a light green background with a white text box containing the following text:

**nodegoat is a web-based data management, network analysis & visualisation environment.**

Using nodegoat, you can create and manage any number of datasets by use of a graphic user interface. Your custom data model autoconfigures the backbone of nodegoat's core functionalities.

Within nodegoat you are able to instantly analyse and visualise datasets. nodegoat allows you to enrich data with relational, geographical and temporal attributes. Therefore, the modes of analysis are inherently diachronic and ready-to-use for interactive maps and extensive trailblazing.

Below the text box is a horizontal row of five navigation buttons: 'Guides' (with a book icon), 'Documentation' (with a document icon), 'FAQ' (with a goat icon), 'Use Cases' (with a magnifying glass icon), and 'Forum' (with a paw print icon). At the bottom left, there is a green banner for '08 Aug 2017 nodegoat at DH2017'. On the bottom right, there is a small inset image showing a screenshot of the Nodegoat web interface, displaying a data management dashboard with various charts and tables.

# Now what



["Floppy Disk Drives"](#) by [stiefkind](#) is marked with [CC0 1.0](#)

# Trial and error

## Ghent University Wikidata and Wikibase Workshop: developing a Wikibase instance [\[ edit \]](#)

*Wednesday 3 - 5 July 2019*

*at Ghent University, Belgium*

The archival materials of the past provide us with insights to retrace historical, social, literary, linguistic, and cultural phenomena. This information is largely relational- where individuals were affiliated to organizations, lived and traveled to specific places, with written or photographic evidence of their activities through say editors and writers publications, census, correspondence, diaries and so on. Thus it comes as no surprise that the Galleries, Libraries, Archives and Museums (GLAM) sector and humanities researchers are increasingly turning to modeling this interrelated information as Linked Open Data for archiving, storing, and maximizing its reuse.

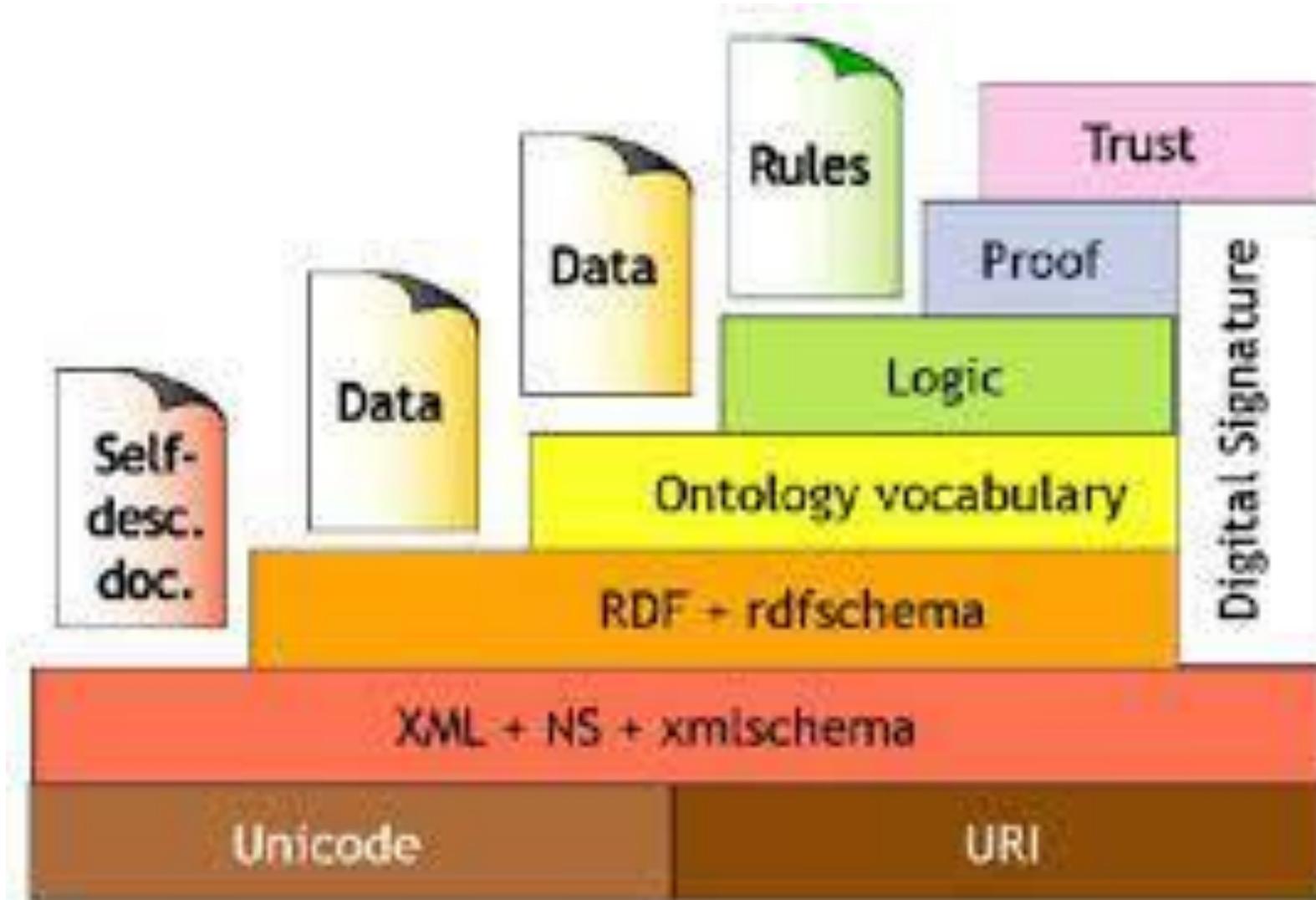
The Wikimedia ecosystem, and Wikidata as an infrastructure in particular, is seen as a gold standard for not only modeling this information, but also sharing it both openly or in a closed Wikibase, as it provides an open source infrastructure for modeling data, as well as for querying information to draw insights.

### **About the Ghent University Wikidata and Wikibase Workshop** [\[ edit \]](#)

In this 3 day workshop at UGent we seek to bring together small project teams from the GLAM sector and Humanities to develop their own Wikibase instance from a pre-existing data source or database, in an effort of these affordances in telling the narratives around their cultural heritage data.



# Semantic web



The Semantic Web Stack, Tim Berners-Lee

# Mapping the WeChangEd database to wikidata

- Exported this data and mapped it to a Wikidata ontology
- Wikidata - public, open data source
- Used the Wikidata integrator to import data



main 5 branches 53 tags Go to file Code

andrawaag Merge pull request #148 from Mystou/remove-wdi-property-store 2ce3477 on Aug 11 814 commits

doc	removed domain and item_name from helper function	2 years ago
docs	final updates	10 months ago
notebooks	reverted incorrect edit	12 months ago

## About

A Wikidata Python module integrating the MediaWiki API and the Wikidata SPARQL endpoint

Readme

MIT License



```

1 SELECT ?item ?itemLabel
2 WHERE
3 {
4   ?item wdt:P7947 ?id.
5   SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }
6 }

```

Table

3655 results in 1733 ms

Code

Download

item	itemLabel
<a href="#">wd:Q71372</a>	Lily Braun
<a href="#">wd:Q72913</a>	Helene Stöcker
<a href="#">wd:Q66313</a>	Sophie Mereau
<a href="#">wd:Q61723</a>	Gustav Landauer
<a href="#">wd:Q66023</a>	Friedrich Wilhelm Foerster
<a href="#">wd:Q89677</a>	Auguste Schmidt
<a href="#">wd:Q119636</a>	Emilie Kempin-Spyri
<a href="#">wd:Q124559</a>	Ernst Ludwig Posselt
<a href="#">wd:Q154782</a>	Adelbert von Chamisso

## SPARQL queries related to [WeChangEd \(Q86999151\)](#) [edit]

Items that have WeChangEd Id and Commons Category (meaning they will have IIF images in your stories app) [edit]

The following query uses these:

- Properties: [WeChangEd ID \(P7947\)](#)  , [Commons category \(P373\)](#)  

```
1 SELECT ?item ?itemLabel
2 WHERE
3 {
4   ?item wdt:P7947 ?id.
5   ?item wdt:P373 ?commons.
6   SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }
7 }
```

[Try it!](#) 

# Stories Service

STORIES SERVICE

PUBLISHER WORKSPACE



BETA

# What Stories Will You Tell?

WELCOME TO THE FUTURE OF DIGITAL STORYTELLING

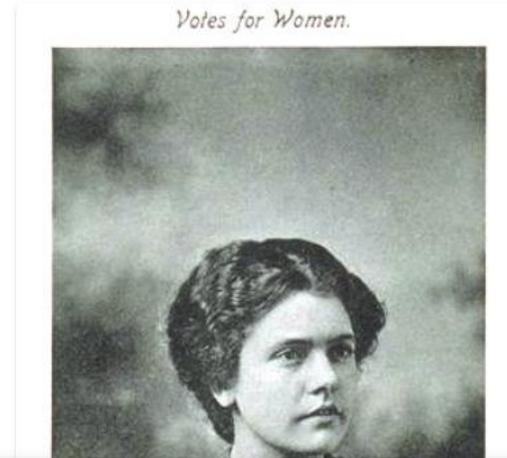
WATCH VIDEO

# Women Editors in Europe, 1710-1920

Linked Open Data Stories of women editors from the ERC funded WeChangEd research project database in collaboration with the Stories Services Collaborative

1752 STORIES IN THIS COLLECTION

Search Collection...





## Isabella Beeton

ENGLISH JOURNALIST, PUBLISHER AND WRITER

[LEARN MORE](#)

Q287665



# Media Gallery

Content Provided By Wikimedia Commons

Image 2 of 12 Go



## CONTENTS



## Media on Wikimedia Commons with the Category: Isabella Beeton

-  Henry Dorling, Clerk of
-  Ormond House, Epsom
-  Chandos Villas at Pinner
-  Charles, Meredith and I
-  Epsom Grandstand Building
-  Epsom Grandstand at I



MORE INFORMATION

- Library of Isabella Beeton
  - Timeline
  - Significant Places
  - Image of Isabella Beeton
  - Relevant People
  - Wikidata Statements
  - Learn More
- POWERED BY THE STORIES SERVICE

# Learn More About Isabella Beeton

Browse Through References, Resources, Attributions, And External Links to Learn More about Isabella Beeton

### Orlando author ID

**beetis**  
identifier for an author in the Orlando reference work

[LEARN MORE](#)



### IdRef ID

**097524875**  
Identifier for authority control in the French collaborative library catalog (see also P1025). Format: 8 digits followed by a digit or "X"

[LEARN MORE](#)



### Nationale Thesaurus voor Auteurs ID

**111240883**  
identifier for persons (not:works) from the Dutch National Thesaurus for Author names (which also contains non-authors)

[LEARN MORE](#)



# Conclusion

## Women Editors in Europe, 1710-1920

Linked Open Data Stories of women editors from the ERC funded WeChangEd research project database in collaboration with the Stories Services Collaborative

3330 STORIES IN THIS COLLECTION

Collection...

