

Local heritage promotion through Wikidata & light apps

Wikidata and Wikibase: session 1

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Local communities are proud of their culture and history

Every town/region has dozens of items in the streets (artworks or not) representing its history

- > Statues, old buildings, bridges... but also
- > castles, vineyards, gardens...

We all want to **preserve our cultural heritage**

Artworks may be lovely, but the origin and the history are the most relevant part... **unknown to most of visitors.**

Archives help, but also the local experts



'De Koeieschieter' ('Cow Shooter')

A story from 1691 that explains why Leuven's people were nicknamed koeschieters or cow-shooters.

Objective: Local Heritage App

Objective: tool and methodology to generate **apps** and **services** for European towns promoting their local art, culture, history, or whatever...

Open (Linked) Data + Open Source + Crowdsourced + Sustainable

No-code: no development, just configuration (minimum IT skills required)

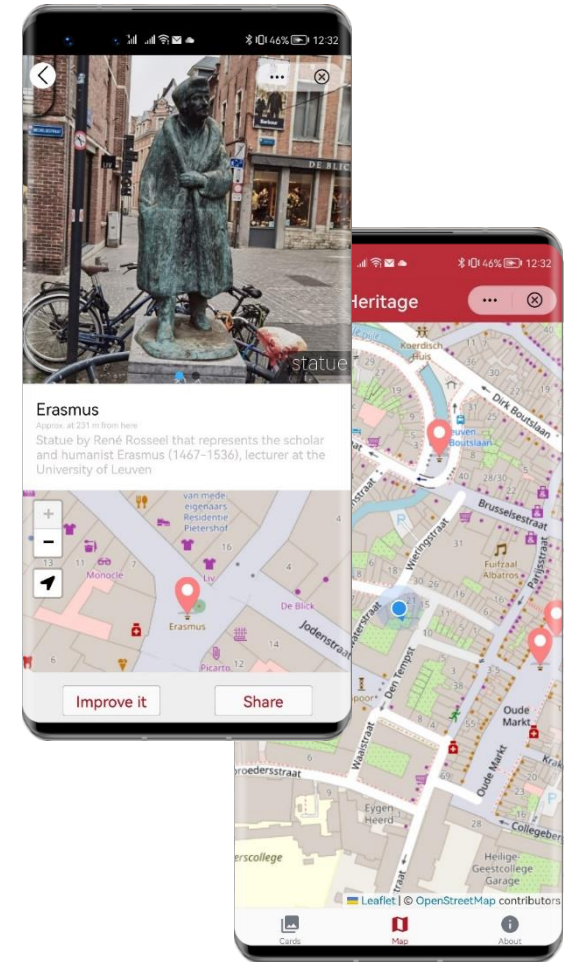
No-cost: design based on public resources

Community-driven: updates by the community

No maintenance costs (minimum moderation by volunteers/experts)

One app ≈ one-day effort (any citizen can launch a project)

Templates to replicate the app in **other scenarios/places**



Step-by-step example (an easy one)

Local heritage promotion through Wikidata & light apps

Brussels' Comic Book Route

Since the early 90s, Brussels pays tribute to **characters and authors** of the Franco-Belgian comics on the walls in the city center

Objective:

- > Discover **paintings around you** in Brussels
- > Quick, simple and ready to test

Context

- > Brussels' **open data** initiative (<https://opendata.brussels.be>)
- > Methodology and templates ready to use



Source: <https://www.parco.rshd.brussels/en/fresques/froud-stouf/>

The Methodology

Step 1: clone & configure the project

Step 2: the database

Step 3: customize the app

Step 4: upload content to GitHub

Step 5: configure the app

Step 6: run the app

<https://ow2-quick-app-initiative.github.io/poi-quick-app/>

Brussels Open Data provides a dataset

The screenshot shows the Brussels Open Data website interface. The header includes the BXL logo, 'Open Data', and 'Bruxelles Bruxelles Brussels'. The navigation bar has links for Home, Explore, Cartograph, API, License, FAQ, News, Links, Suggestions, and Contact. The main content area displays the 'Comic book route' dataset page. On the left, there are filters and a search bar. The dataset page shows the following information:

- Dataset Identifier:** comic-book-route
- Downloads:** 1,175
- Themes:** Culture, Heritage
- Keywords:** culture, tourisme, comic, strip
- License:** Licence Ouverte (Etalab) (highlighted with a red box)
- Language:** English
- Modified:** December 15, 2021 1:56 PM
- Publisher:** VisitBrussels
- Reference:** <http://www.brussels.be/5316>
- Territory:** Bruxelles
- Last processing:** December 15, 2021 1:56 PM (metadata), December 15, 2021 1:56 PM (data)
- DCAT:**
 - Created:** February 24, 2012
 - Issued:** October 1, 2013
 - Spatial:** City of Brussels
- Dataset schema:** (link to schema)

<https://bruxellesdata.opendatasoft.com/explore/dataset/comic-book-route/table/>

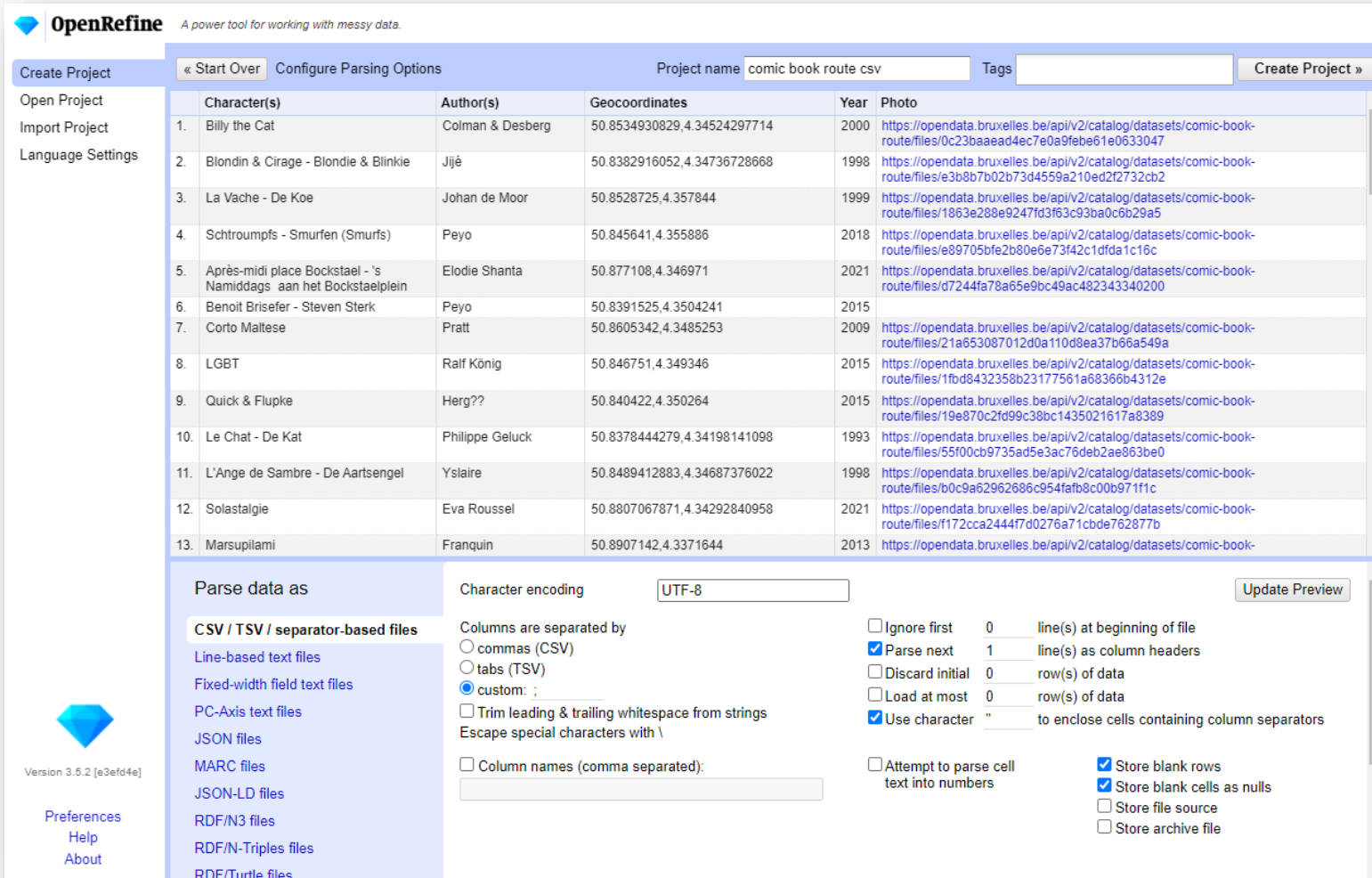
... in open **format** (CSV), by the way 😊

The screenshot shows the 'Open Data Brussels' website interface. The header includes the BXL logo, 'Open Data', and 'Bruxelles Brussels'. A navigation bar contains links: Home, Explore, Cartograph, API, License, FAQ, News, Links, Suggestions, and Contact. The main content area is titled 'Comic book route' and shows '64 records' with 'No active filters'. A 'Filters' sidebar is on the left. The data is displayed in a table with columns: Character(s), Author(s), Geocoordinates, Year, and Photo. The table lists 19 comic book routes, including 'Cori', 'Passe-moi l'ciel', 'Froud & Stouf', 'Le Jeune Albert', 'Jojo', 'Parchis', 'Yoko Tsuno', 'Gaston Lagaffe', 'Kiekeboe', 'La patrouille des Castors', 'Le Petit Spirou', 'Titeuf', 'Tour à Plomb', 'Tamara', 'Spirou', 'Les rêves de Nick', 'Lincoln', 'Lucky Luke', and 'Martine'. Each row includes the character name, author, coordinates, year, and a photo link.

	Character(s)	Author(s)	Geocoordinates	Year	Photo
1	Cori	Bob de Moor	50.8482909956, 4.3421959877	1998	cori_le_mousaillon
2	Passe-moi l'ciel - Oh! Lieve Hemel	Stuff & Janry	50.8387322, 4.3520306	2002	passe_moi_l_ciel.n
3	Froud & Stouf	Jannin & Liberski	50.8440542, 4.3455639	2014	fresque_froudskou
4	Le Jeune Albert - De Jonge Albert	Yves Chaland	50.8433593148, 4.35011386871	2000	le_jeune_albert.ru
5	Jojo	Geerts	50.8351206193, 4.34547901154	1996	le_petit_jojo.rue_p
6	Parchis	Peter Willems	50.87021, 4.342756	2016	parchis-peterwille
7	Yoko Tsuno	Roger Leloup	50.8425826, 4.3474095	2011	yoko_tsuno_rue_t
8	Gaston Lagaffe - Guust Flater	Franquin	50.8492461098, 4.3537402153	2007	gaston_lagaffe.rue
9	Kiekeboe	Merho	50.8936569, 4.3516674	2009	kiekeboe_av_du_g
10	La patrouille des Castors - De Bever...	Mitacq	50.8356220289, 4.3444275856	2003	
11	Le Petit Spirou - De Kleine Robbedoes	Tome & Janry	50.8942608, 4.34231	1996	petit_spirou_bd_c
12	Titeuf	Zep	50.8700844057, 4.34397697449	2006	titeuf.avenue_boc
13	Tour à Plomb - Hageltoren	Zidrou	50.847841, 4.3395	2018	zidrou_0.PNG
14	Tamara	Zidrou & Christian Darasse	50.882038, 4.344161	2019	tamara.jpg
15	Spirou - Robbedoes	Yoann & Vehlmann	50.8380325, 4.3505493	2014	spiro_rue-notre-i
16	Les rêves de Nick - De dromen van ...	Herman	50.8487651682, 4.3412733078	1999	les_reves_de_nick
17	Lincoln	Jouvray	50.8772608627, 4.35940504074	2006	lincoln_palaisoutr
18	Lucky Luke	Morris	50.8475, 4.341417	1993	lucky_luke_rue_de_
19	Martine - Tinnv	Marcel Marlier	50.876218314, 4.35929775238	2004	martine.avenue_d

<https://bruxellesdata.opendatasoft.com/explore/dataset/comic-book-route/table/>

We need to refine the data



OpenRefine A power tool for working with messy data.

Create Project « Start Over Configure Parsing Options Project name comic book route csv Tags Create Project »

Open Project
Import Project
Language Settings

	Character(s)	Author(s)	Geocoordinates	Year	Photo
1.	Billy the Cat	Colman & Desberg	50.8534930829, 4.34524297714	2000	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/0c23baaad4ec7e0a9febe61e0633047
2.	Blondin & Cirage - Blondie & Blinky	Jijé	50.8382916052, 4.34736728668	1998	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/e3b8b7b02b73d4559a210ed2f2732cb2
3.	La Vache - De Koe	Johan de Moor	50.8528725, 4.357844	1999	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1863e288e9247fd3f63c93ba0c6b29a5
4.	Schtroumpfs - Smurfen (Smurfs)	Peyo	50.845641, 4.355886	2018	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/e89705bfe2b80e6e73f42c1dfda1c16c
5.	Après-midi place Bockstael - 's Namiddags aan het Bockstaelplein	Elodie Shanta	50.877108, 4.346971	2021	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/d7244fa78a65e9bc49ac482343340200
6.	Benoit Brisefer - Steven Sterk	Peyo	50.8391525, 4.3504241	2015	
7.	Corto Maltese	Pratt	50.8605342, 4.3485253	2009	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/21a653087012d0a110d8ea37b66a549a
8.	LGBT	Ralf König	50.846751, 4.349346	2015	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1fd8432358b23177561a68366b4312e
9.	Quick & Flupke	Herg??	50.840422, 4.350264	2015	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/19e870c2fd99c38bc1435021617a8389
10.	Le Chat - De Kat	Philippe Geluck	50.8378444279, 4.34198141098	1993	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/55f00cb9735ad5e3ac76deb2ae863be0
11.	L'Ange de Sambre - De Aartsengel	Yslaire	50.8489412883, 4.34687376022	1998	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b0c9a62962686c954fab8c00b971f1c
12.	Solastalgie	Eva Roussel	50.8807067871, 4.34292840958	2021	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/f172cca244f7d0276a71cbde762877b
13.	Marsupilami	Franquin	50.8907142, 4.3371644	2013	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/19e870c2fd99c38bc1435021617a8389

Parse data as

CSV / TSV / separator-based files
Line-based text files
Fixed-width field text files
PC-Axis text files
JSON files
MARC files
JSON-LD files
RDF/N3 files
RDF/N-Triples files
RDF/Turtle files

Character encoding UTF-8 Update Preview

Columns are separated by
☐ commas (CSV)
☐ tabs (TSV)
☒ custom: ;
☐ Trim leading & trailing whitespace from strings
Escape special characters with \

☐ Column names (comma separated):

☐ Ignore first 0 line(s) at beginning of file
☒ Parse next 1 line(s) as column headers
☐ Discard initial 0 row(s) of data
☐ Load at most 0 row(s) of data
☒ Use character " to enclose cells containing column separators

☐ Attempt to parse cell text into numbers
☒ Store blank rows
☒ Store blank cells as nulls
☐ Store file source
☐ Store archive file

Adaptation to our templates

Using own scripts or Open Refine 😊

<https://openrefine.org>

High-quality dataset with 64 Points of Interest

OpenRefine Comic Book Route BXL Permalink

Open... Export Help

Facet / Filter Undo / Redo 0 / 0

Refresh Reset All Remove All

64 rows Show as: rows records Show: 5 10 25 50 100 500 1000 rows « first < previous 1 of 1 page next > last »

Extensions: Wikidata

Photo change
2 choices Sort by: name count
false 61
true 3
Facet by choice counts

Geocoordinates change
1 choice Sort by: name count
false 64
Facet by choice counts

Character(s) change
1 choice Sort by: name count
false 64
Facet by choice counts

		Character(s)	Author(s)	Geocoordinates	Year	Photo
☆	1.	Billy the Cat	Colman & Desberg	50.8534930829,4.34524297714	2000	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/0c23baaad4ec7e0a9febe61e0633047
☆	2.	Blondin & Cirage - Blondie & Blinkie	Jijé	50.8382916052,4.34736728668	1998	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/e3b8b7b02b73d4559a210ed2f2732cb2
☆	3.	La Vache - De Koe	Johan de Moor	50.8528725,4.357844	1999	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1863e288e9247d3f63c93ba0c6b29a5
☆	4.	Schtroumpfs - Smurfen (Smurfs)	Peyo	50.845641,4.355886	2018	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/e89705bfe2b80e6e73f42c1dfda1c16c
☆	5.	Après-midi place Bockstael - 's Namiddags aan het Bockstaelplein	Elodie Shanta	50.877108,4.346971	2021	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/d7244fa78a65e9bc49ac482343340200
☆	6.	Benoit Brisefer - Steven Sterk	Peyo	50.8391525,4.3504241	2015	
☆	7.	Corto Maltese	Pratt	50.8605342,4.3485253	2009	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/21a653087012d0a110d8ea37b66a549a
☆	8.	LGBT	Ralf König	50.846751,4.349346	2015	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1fbd8432358b23177561a68366b4312e
☆	9.	Quick & Flupke	Herg??	50.840422,4.350264	2015	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/19e870c2fd99c38bc1435021617a8389
☆	10.	Le Chat - De Kat	Philippe Geluck	50.8378444279,4.34198141098	1993	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/55f00cb9735ad5e3ac76deb2ae863be0
☆	11.	L'Ange de Sambre - De Aartsengel	Yslaïre	50.8489412883,4.34687376022	1998	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b0c9a62962686c954fafb8c00b971f1c
☆	12.	Solastalgie	Eva Roussel	50.8807067871,4.34292840958	2021	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/f172cca24447d0276a71cbde762877b
☆	13.	Marsupilami	Franquin	50.8907142,4.3371644	2013	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/4d909466e3164c0ef0e0d5ae4a21a1d0
☆	14.	La Voie lactée	Mathilde Van Gheluwe	50.8394619195,4.34260158861	2019	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1f86cb113cd88bb60405f77a4c13fc73
☆	15.	Boule & Bill - Bollie & Billie	Roba	50.8376411641,4.3455862999	1992	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/4e84973dda8839c63fb15edbe02671c7
☆	16.	Le roi des mouches	Mezzo	50.87640787,4.35762405396	2007	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b5cfaab92e82e4a0a93c1579632d32a
☆	17.	Blake & Mortimer	Jacobs	50.8398908,4.3513569	2005	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/5082678d893671de023f9157caa227fa
☆	18.	Le monde ... l'envers - De omgekeerde wereld	Atak	50.87798328811941,4.348827242299489	2021	
☆	19.	Martine - Tinny	Marcel Marlier	50.876218314,4.35929775238	2004	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/928f29a147e577c70480d4f905254d31
☆	20.	Broussaille - Ragebol	Frank Pé	50.8467465143,4.34942722321	1999	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b17daccbf026ff22035464e3d0f12b51
☆	21.	Caroline Baldwin	Taymans & Wesel	50.8487380728,4.33895587921	2003	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/310a0910ca6fc0d6eb6845f8b1fca476

All had name,
and coordinates 👍

Data cleansing:

- split coordinate components
- split authors

Okay... but...

OpenRefine Comic Book Route BXL Permalink

Facet / Filter Undo / Redo 9 / 9

Refresh Reset All Remove All

author1 change

62 choices Sort by: name count Cluster

64 rows

Show as: rows records Show: 5 10 25 50 100 500 1000 rows

« first « previous 1 of 1 page next » last »

	All	name	author1	author2	latitude	longitude	year	photo
1.	★	Billy the Cat	Colman	Desberg	50.8534930829	4.34524297714	2000	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/0c23baaad4c7e0a9febe61e0633047
2.	★	Blondin & Cirage - Blondie & Blinkie	Jije		50.8382916052	4.34736728668	1998	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/e3b8b7b02b73d4559a210ed2f2732cb2
3.	★	La Vache - De Koe	Johan de Moor		50.8528725	4.357844	1999	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1863e28e9247fd3f63c93ba0c6b29a5
4.	★	Schtroumpfs - Smurfen (Smurfs)	Peyo		50.845641	4.355886	2018	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/e69705bfe2b80e6e73f42c1dfda1c16c
5.	★	Après-midi place Bockstael - 's Namiddags aan het Bockstaelplein	Elodie Shanta		50.877108	4.346971	2021	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/d7244fa78a65e9bc49ac482343340200
6.	★	Benoit Brisefer - Steven Sterk	Peyo		50.8391525	4.3504241	2015	
7.	★	Corto Maltese	Pratt		50.8605342	4.3485253	2009	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/21a653087012d0a110d8ea37b66a549a
8.	★	LGBT	Ralf König		50.846751	4.349346	2015	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1fbd8432358b23177561a68366b4312e
9.	★	Quick & Flupke	Herg??		50.840422	4.350264	2015	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/19e870c2fd99c38bc1435021617a8389
10.	★	Le Chat - De Kat	Philippe Geluck		50.8378444279	4.34198141098	1993	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/55f00cb9735ad5e3ac76deb2ae863be0
11.	★	L'Ange de Sambre - De Aartsengel	Yslaïre		50.8489412883	4.34687376022	1998	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b0c9a62962686c954fab8c00b971f1c
12.	★	Solastalgie	Eva Roussel		50.8807067871	4.34292840958	2021	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/f172cca2444f7d0276a71cbde762877b
13.	★	Marsupilami	Franquin		50.8907142	4.3371644	2013	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/4d909466e3164c0ef0e0d5ae4a21a1d0
14.	★	La Voie lactée	Mathilde Van Gheluwe		50.8394619195	4.34260158861	2019	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1f86cb113cd88bb6040577a4c13fc73
15.	★	Boule & Bill - Bollie & Billie	Roba		50.8376411641	4.3455862999	1992	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/4e84973dda8839c63fb15edbe02671c7
16.	★	Le roi des mouches	Mezzo		50.87640787	4.35762405396	2007	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b5cfaab92e2e4a0a93c1579632d32a
17.	★	Blake & Mortimer	Jacobs		50.8398908	4.3513569	2005	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/5082678d893671de023f9157caa227fa
18.	★	Le monde ... l'envers - De omgekeerde wereld	Atak		50.87798328811941	4.348827242299489	2021	
19.	★	Martine - Tinny	Marcel Marlier		50.876218314	4.35929775238	2004	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/928f29a147e577c70480d4905254d31
20.	★	Broussaille - Ragebol	Frank Pé		50.8467465143	4.34942722321	1999	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/b17daccbf026ff22035464e3d0f12b51
21.	★	Caroline Baldwin	Taymans	Wesel	50.8487380728	4.33895587921	2003	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/310a0910ca6fc0d6eb6845f8b1fca476
22.	★	Le grand loup qui parle la	Dominique		50.855605	4.354617	2018	https://opendata.bruxelles.be/api/v2/catalog/datasets/comic-book-route/files/1a653087012d0a110d8ea37b66a549a

Who is *Billy the Cat*?
...and *Colman*?
...and *Desberg*?



<https://www.parcoursbd.brussels/en/fresques/billy-the-cat/>

Looking for the semantics

Reconcile column "name" [Access Service API](#)

Reconcile each cell to an entity of one of these types:

- ☐ comic book series
Q14406742
- ☐ comic book album
Q2831984
- ☐ community
Q177634
- ☐ silent film
Q226730
- ☐ media franchise
Q196600
- ☐ gag cartoon
Q3543088
- ☐ version, edition, or translation
Q3331189
- ☐ social movement
Q49773
- ☐ magazine

☐ Reconcile against type:

☒ Reconcile against no particular type

☒ Auto-match candidates with high confidence

Maximum number of candidates to return

Also use relevant details from other columns:

Column	Include?	As Property
author1	<input checked="" type="checkbox"/>	<input type="text"/>
author2	<input checked="" type="checkbox"/>	<input type="text"/>
latitude	<input type="checkbox"/>	<input type="text"/>
longitude	<input type="checkbox"/>	<input type="text"/>
year	<input type="checkbox"/>	<input type="text"/>
photo	<input type="checkbox"/>	<input type="text"/>

[Add Standard Service...](#) [Start Reconciling...](#) [Cancel](#)

Reconciliation of
painting title to
external semantic
entities (Wikidata)

We could use official
(trusted) endpoints

Some perfect, and close semantic matches

The screenshot displays the OpenRefine interface for a dataset titled "Comic Book Route BXL". The main table shows 59 matching rows (64 total). The columns include name, author1, author2, latitude, longitude, year, and photo. The interface includes a Facet/Filter sidebar on the left with facets for author1, name: judgment, and name: best candidate's score. A modal window is open, showing a detailed view of the match for "Blondin et Cirage" (Q611537), a comic book series. The modal includes a "Match this Cell" button, a "Match All Identical Cells" button, and a "Cancel" button. The modal also displays a small image of the comic book cover and a list of related items.

OpenRefine Comic Book Route BXL Permalink

Facet / Filter Undo / Redo 11 / 11

Refresh Reset All Remove All

59 matching rows (64 total)

Show as: rows records Show: 5 10 25 50 100 500 1000 rows

Extensions: Wikidata

author1

57 choices Sort by: name count Cluster

Franquin 2

Peyo 2

Atak 1

Aurélien William Levaux 1

Bob de Moor 1

Carin 1

Céline Fraipont 1

Colman 1

Dany 1

Dominique Goblet 1

Dupa 1

Dumiv 1

name: judgment

2 choices Sort by: name count

matched 20

none 39

Facet by choice counts

name: best candidate's score

change reset

59 — 101

Numeric 47 Non-numeric 0 Blank 17

Error 0

name: judgment

2 choices Sort by: name count

matched 20

none 39

1. Billy the Cat

Choose new match

Colman Desberg 50.8534930829 4.34524297714 2000

2. Blondin & Cirage - Blondie & Blinky

Choose new match

Jijé 50.8382916052 4.34736728668 1998

3. La Vache - De Koe

Choose new match

Johan de Moor 50.8528725 4.357844 1999

4. Schtroumpfs - Smurfs (Smurfs)

Choose new match

Peyo 50.877100 4.346371 2021

5. Après-midi place Bockstael - 's Namiddags aan het Bockstaelplein

Elodie Shanta 50.877100 4.346371 2021

Show as: rows records Show: 5 10 25 50 100 500 1000 rows

All

name

author1

author2

latitude

longitude

year

1. Billy the Cat

Choose new match

Colman Desberg 50.8534930829 4.34524297714 2000

2. Blondin & Cirage - Blondie & Blinky

Choose new match

Jijé 50.8382916052 4.34736728668 1998

3. La Vache - De Koe

Choose new match

Johan de Moor 50.8528725 4.357844 1999

4. Schtroumpfs - Smurfs (Smurfs)

Choose new match

Peyo 50.877100 4.346371 2021

5. Après-midi place Bockstael - 's Namiddags aan het Bockstaelplein

Elodie Shanta 50.877100 4.346371 2021

Match this Cell Match All Identical Cells Cancel

Blondin et Cirage (Q611537)

comic book series

Enrich the dataset with more information (thanks, KGs 😊)

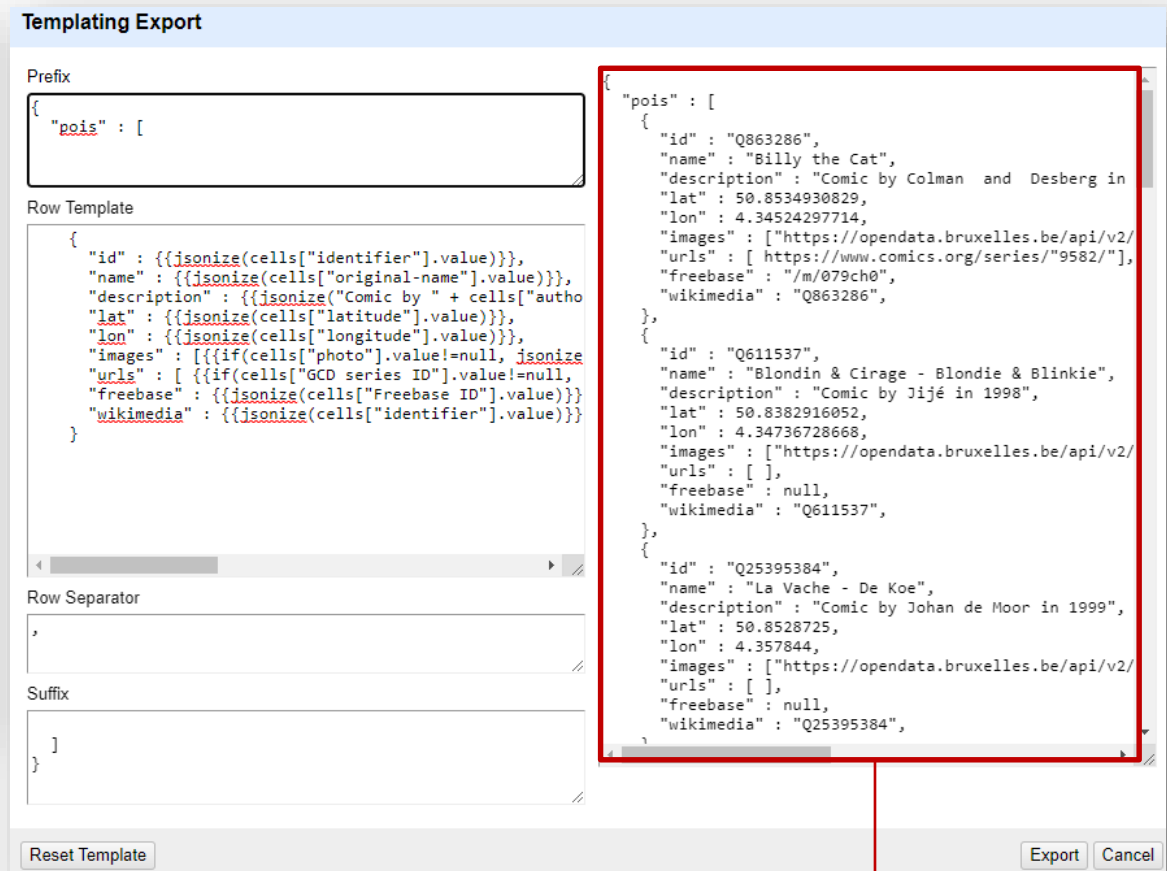
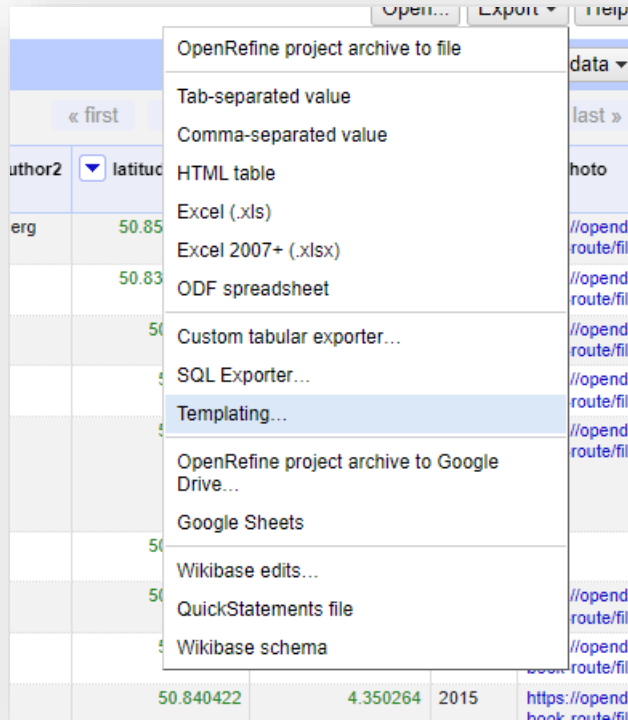
		name	original-name	author1	author2	lati
1.		the Cat		Colman	Desberg	50.8534
2.		din & Cirage - Blondie		Jijé		50.8382
3.		nkie				50.8
4.						50
6.						50.8
7.						50.8
8.		LGBT community	LGB			50
9.		Quick & Flupke	Quic			50
10.		Le Chat	Le C			50.8376
13.		Marsupilami	Mars			50.8
15.		Boule et Bill	Boul			50.8376
17.		Blake and Mortimer	Blake & Mortimer	Jacobs		50.8

48 matching rows (81 total)

Show as: rows records Show: 5 10 25 50 100 500 1000 rows

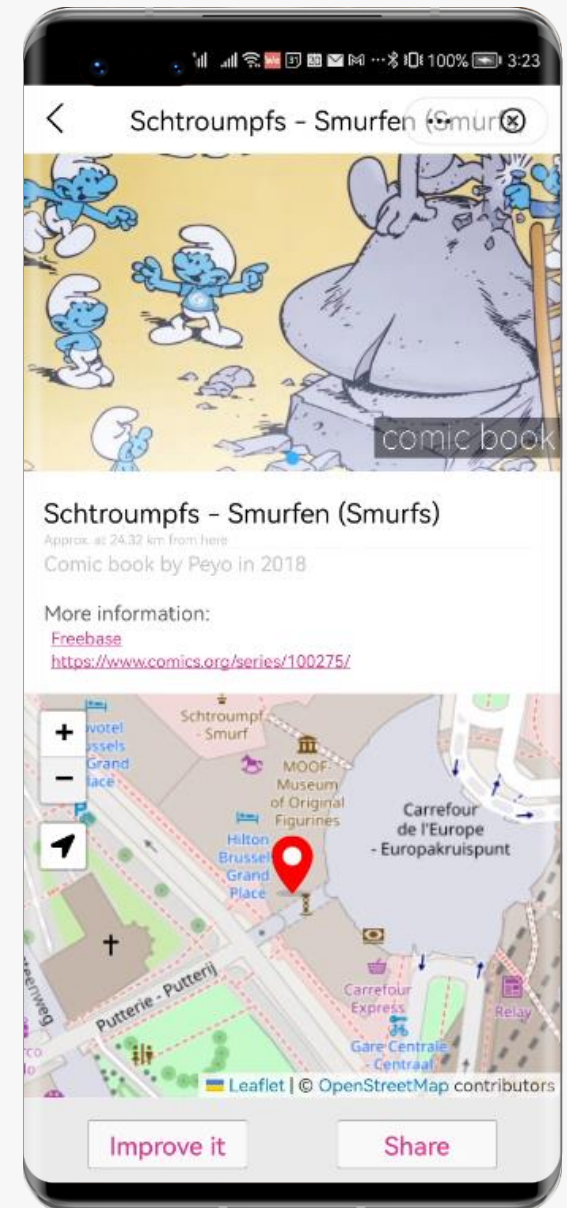
		name	image	GCD series ID	Freebase ID	French Vikidia ID	original-name	
1.		Billy the Cat		9582	/m/079ch0	Billy_the_Cat	Billy the Cat	Colr
2.		Blondin et Cirage	Blondin en Blinkie.JPG				Blondin & Cirage - Blondie & Blinkie	Jijé
3.		La Vache					La Vache - De Koe	Joh
4.		The Smurfs		100275	/m/043qx2h		Schtroumpfs - Smurfs (Smurfs)	Pey
8.		Benoît Brisefer	Steven Sterk.jpg	72680	/m/0ffhrd		Benoit Brisefer - Steven Sterk	Pey
13.		Corto Maltese	Dsc (189711025).jpeg		/m/0166jt		Corto Maltese	Prat
14.		LGBT community	RainbowFlagEdit.jpg		/m/0m8dk		LGBT	Ralf
15.		Quick & Flupke	Stups und Steppke von Hergé, Brüsseler Wandgemälde.jpg		/m/058qxs		Quick & Flupke	Hergé
16.		Le Chat			/m/09krc4		Le Chat - De Kat	Philippe Gel

And we have the database of Pols

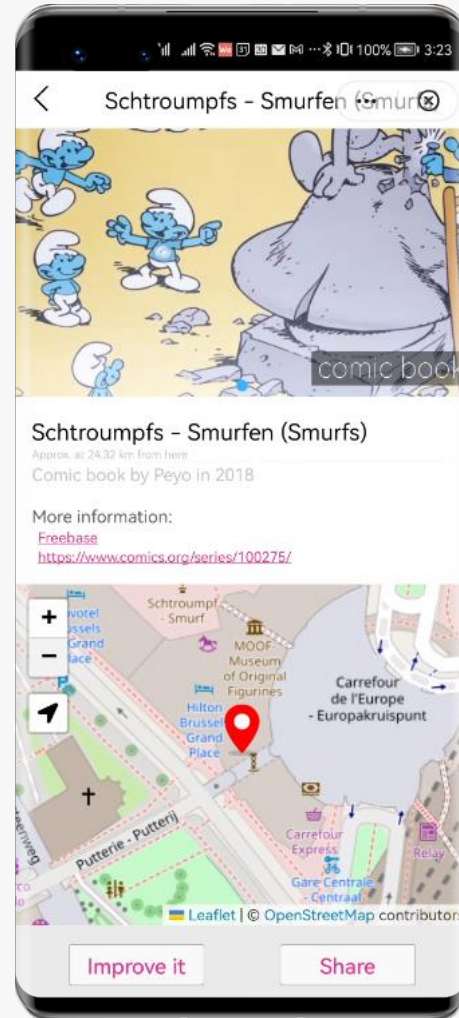
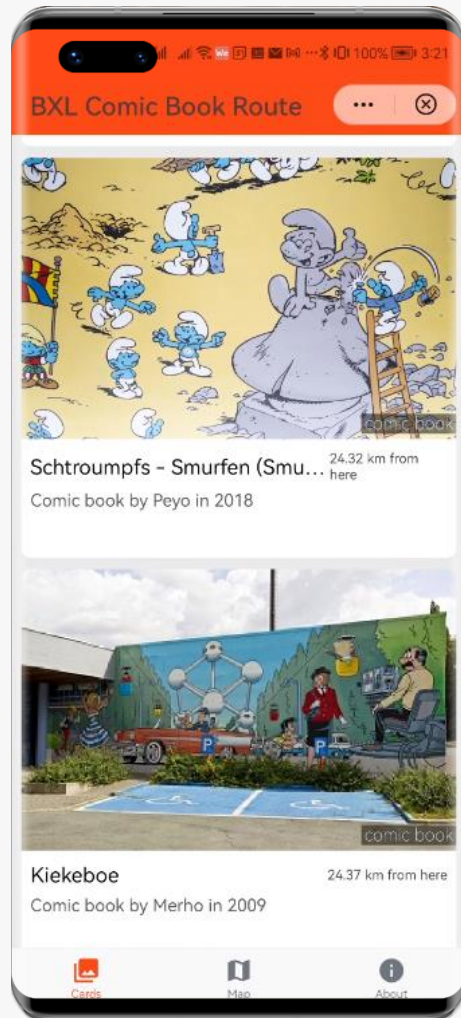


A Point of Interest looks like...

```
{
  "id" : "Q863286",
  "name" : "Billy the Cat",
  "description" : "Comic book by Colman and Desberg in 2000",
  "lat" : 50.8534930829,
  "lon" : 4.34524297714,
  "images" : [
    "https://opendata.bruxelles.be/...",
    "https://pbesteu.github.io/comics/bxl/images/001.jpg"],
  "type" : "comic book",
  "urls" : [ "https://www.comics.org/series/9582/" ],
  "freebase" : "/m/079ch0",
  "wikimedia" : "Q863286"
}
```

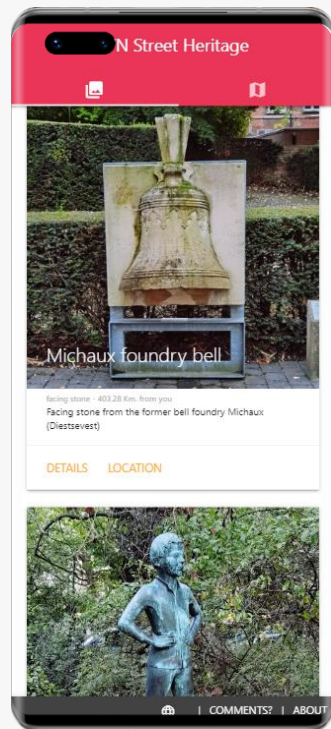


What we got

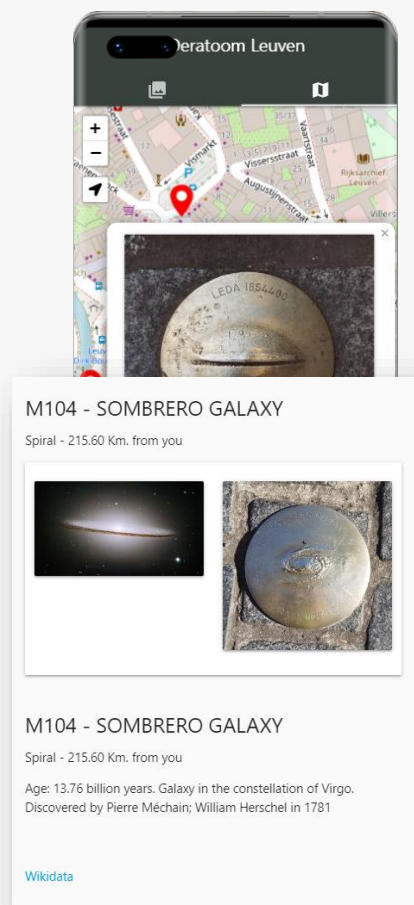


Infinite scenarios

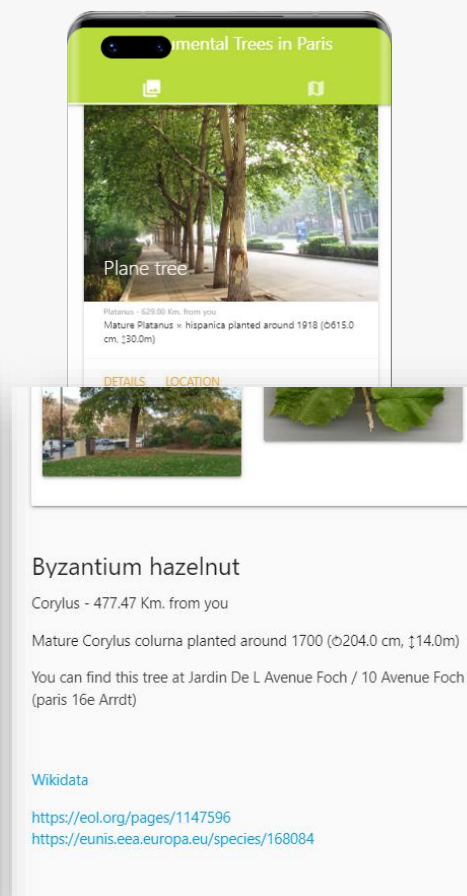
Cultural Heritage (art, local culture)



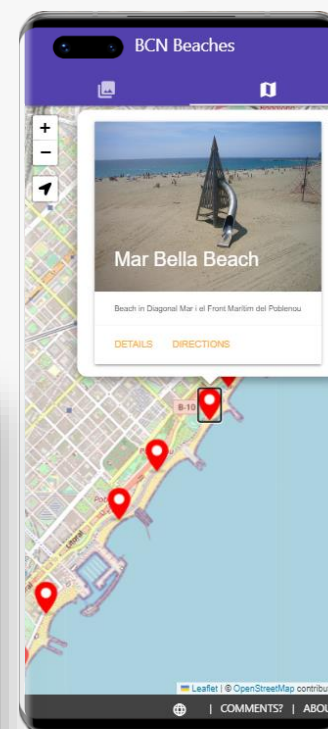
Big Bang Theory (astronomy)



Monumental Trees (botany)



Beaches (tourism)



Illustrious Women (humans)



<https://heritagein.info>

Thank you!

Martin Alvarez
@espinr

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