

What's new in Wikidata?

Italian WikiCon - October 2020

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WIKIMEDIA
DEUTSCHLAND

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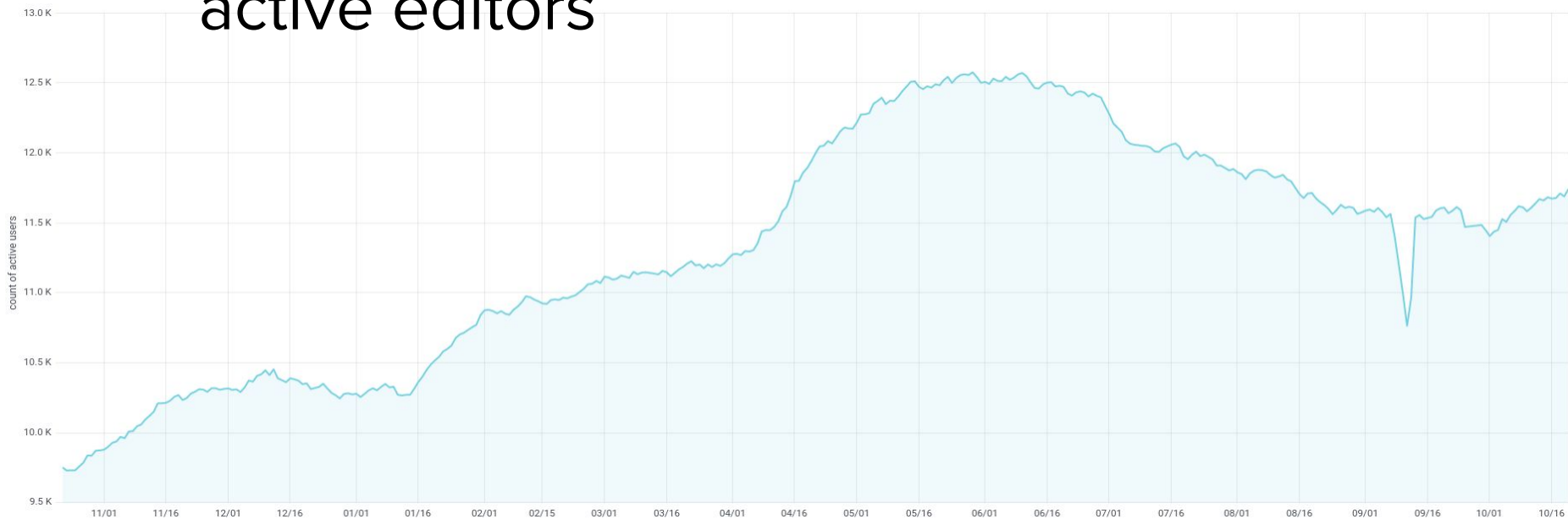


State of Wikidata



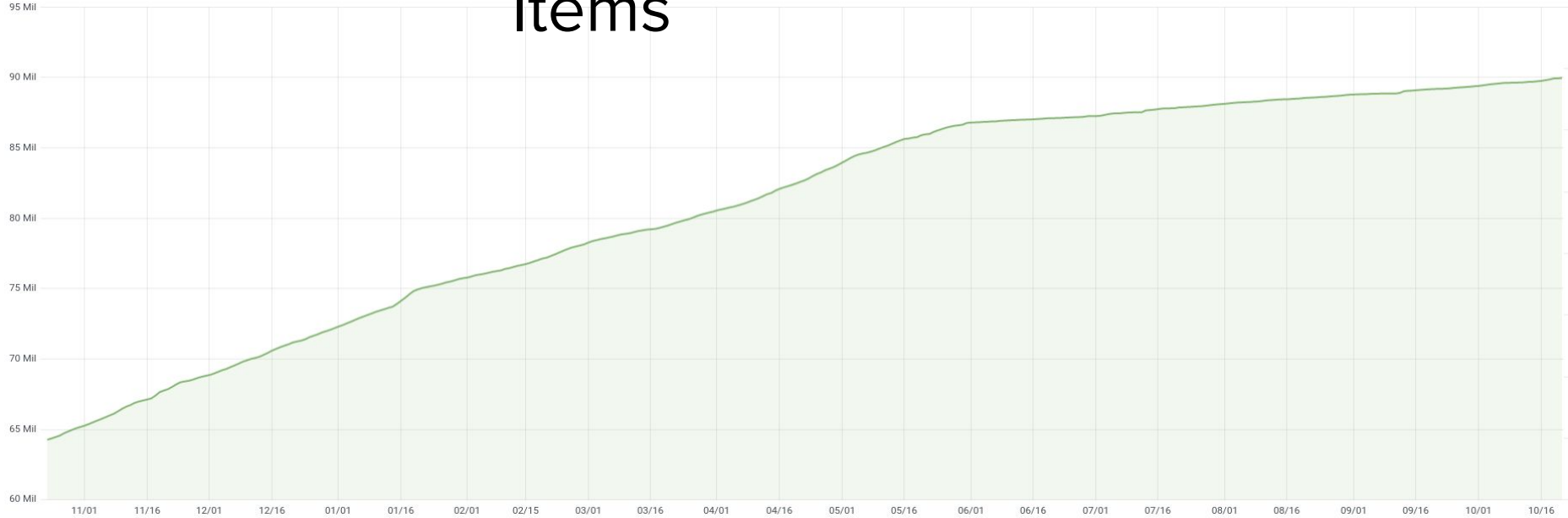
~11.5k

active editors



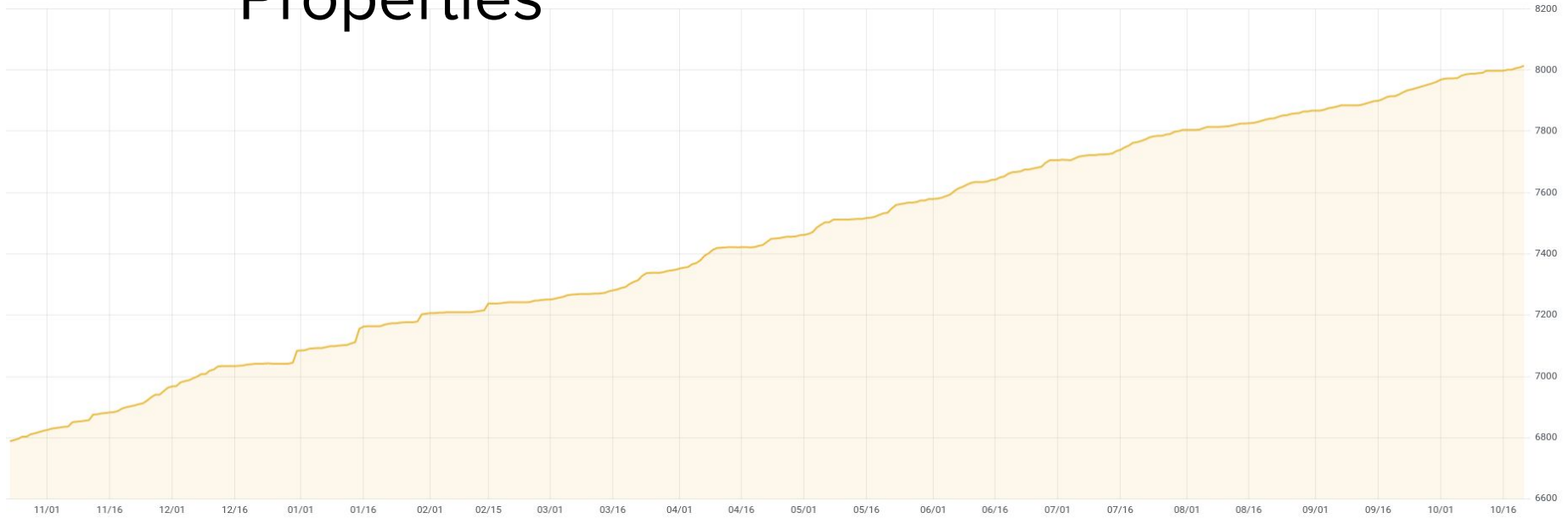
90 Million

Items



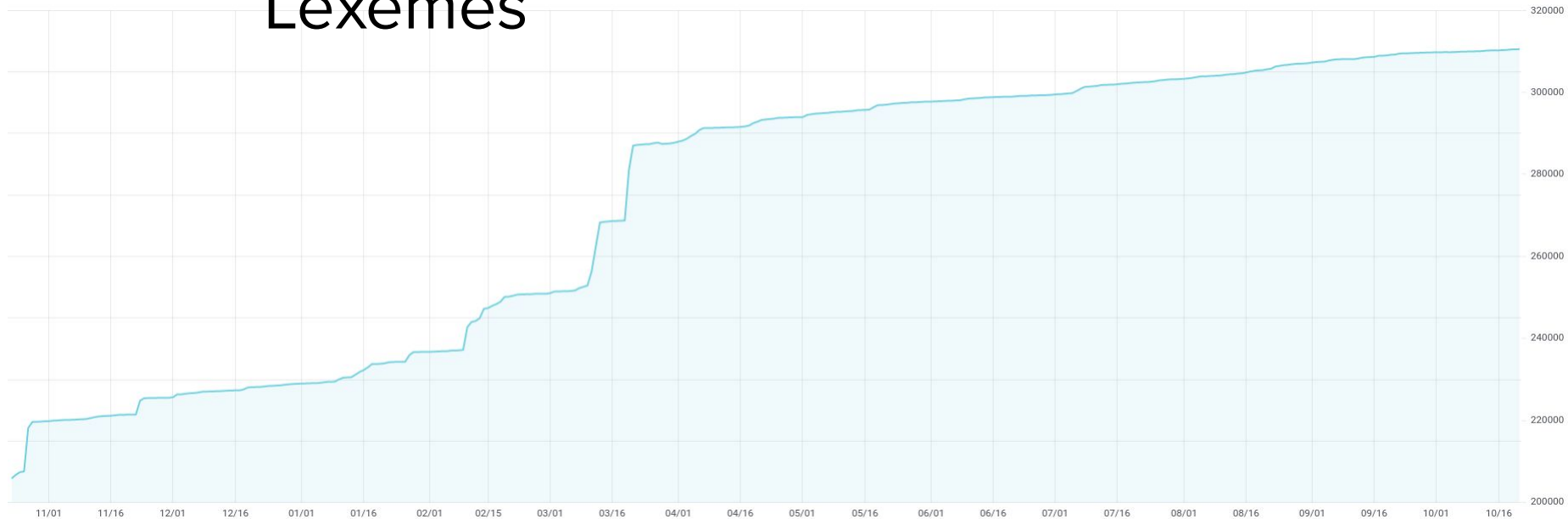
8000

Properties



310k

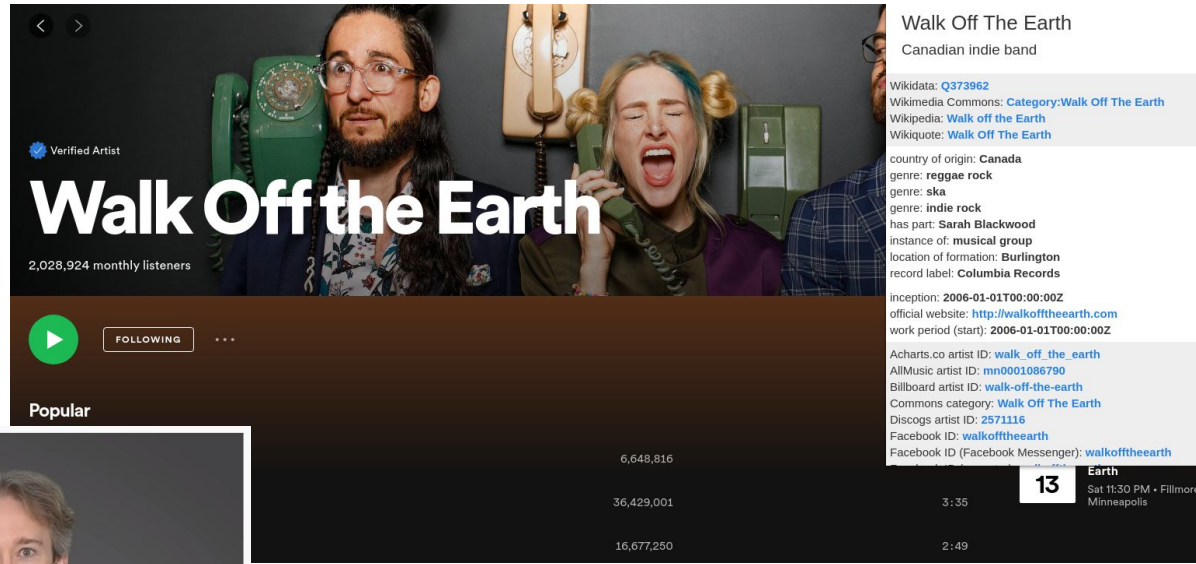
Lexemes



54%

articles in Wikimedia that use data
from Wikidata

Recent cool tools & uses of Wikidata



Walk Off The Earth
Canadian indie band

Wikidata: [Q373962](#)
Wikimedia Commons: [Category:Walk Off The Earth](#)
Wikipedia: [Walk off the Earth](#)
Wikiquote: [Walk Off The Earth](#)

country of origin: [Canada](#)
genre: [reggae rock](#)
genre: [ska](#)
genre: [indie rock](#)
has part: [Sarah Blackwood](#)
instance of: [musical group](#)
location of formation: [Burlington](#)
record label: [Columbia Records](#)

inception: [2006-01-01T00:00:00Z](#)
official website: <http://walkofftheearth.com>
work period (start): [2006-01-01T00:00:00Z](#)

Acharts.co artist ID: [walk_off_the_earth](#)
AllMusic artist ID: [mn0001086790](#)
Billboard artist ID: [walk-off-the-earth](#)
Commons category: [Walk Off The Earth](#)
Discogs artist ID: [2571116](#)
Facebook link ID: [walkofftheearth](#)
Facebook ID (Facebook Messenger): [walkofftheearth](#)

6,648,816
36,429,001
16,677,250

3:35
2:49

13
Sat 11:30 PM - Fillmore
Minneapolis



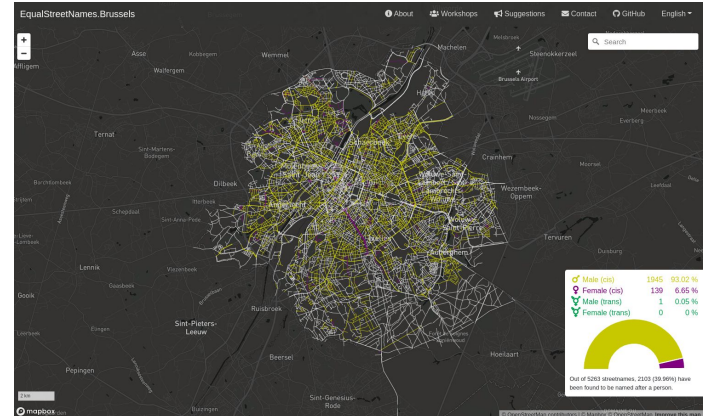
What is the best thing?

1,204,986 Votes Decided: What Is The Best Thing?
1,333,860 views • Sep 7, 2020

136K 1.5K SHARE SAVE

Tom Scott
3.19M subscribers

SUBSCRIBE



Online gatherings

Plenty of remote events & content created by the community!

Online conferences, videos, livestream, meetups, workshops, campaigns, editathons...



WIKIDATA LAB XXII

WIKIPROJETO COVID-19

Este treinamento pretende compartilhar recursos e capacidades para a integração do Wikidata com outros projetos Wikimedia, em especial a Wikipédia.

Neste evento, parte da série Wikidata Lab, haverá uma apresentação e uma sequência de atividades práticas sobre como podemos atuar no Wikiprojeto COVID-19 e cobrirá a justificativa do projeto, os desafios da modelagem da informação, a automatização da alimentação de dados e as possibilidades de transeruição.

Local: Online
Data: 14/04/2020 (Terça-feira) das 9:30 às 16:30

Organização
Grupo de trabalho
WMB
Wiki Movimento Brasil

Faisons des étincelles avec SPARQL

apprendre à faire des requêtes sur Wikidata

Tous les mardis
à 18 h (CEST, UTC+2)

@belett

user:VIGNERON



TELL US ABOUT HER!

WikiGap MetaData Drive
1st-31st Mar 2020
http://bit.ly/WLW_WikiGap

Image: The Special Envoy on Women, Peace and Security of the Chairperson of the African Union Commission, Bineta Diop, poses with Somalia's First Lady, Sahra Hassan, at her home in Mogadishu, Somalia, on November 27, 2014. AMISOM Photo / Tobin Jones WMCommons (CC 0)

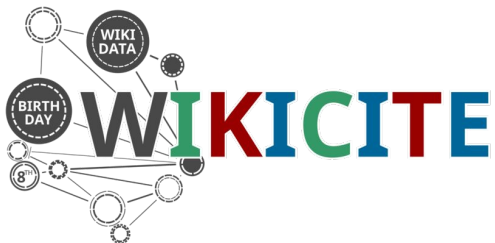
Wikidata's distributed birthday

Calendar of online & onsite events all around the world:

Wikidata: Eighth Birthday

24-hours online meetup

WikiCite virtual conference



The image shows a vast field of broken, translucent blue glass shards. The shards are of various sizes and shapes, some sharp and jagged, others more rounded. They are piled together, creating a complex, textured surface. The lighting is bright, highlighting the facets and edges of the glass, which gives it a crystalline appearance. The overall color palette is dominated by shades of blue and cyan, with some white highlights where the glass is broken or where light reflects off the surfaces.

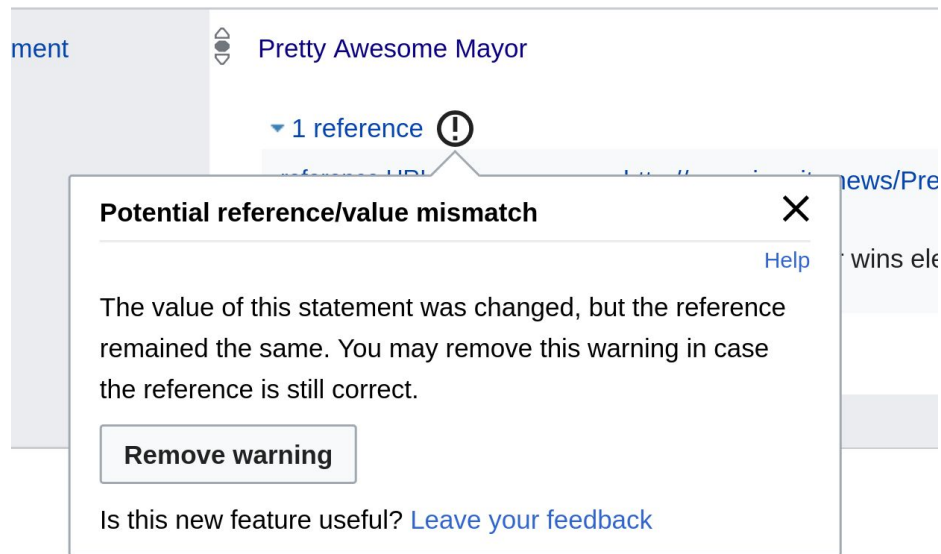
**New & interesting
developments**

Mismatched references

Goal: reduce the number of mismatches between value and reference

Inform the user who's editing a value
without changing the existing reference

Results: More people ensuring references
are up-to-date



On the hunt for references

Goal: support editors with getting more external references extracted from reliable sources

Step 1: extraction and evaluation of references

Step 2: a game to match references with existing Wikidata statements

Step 3: publish references for larger imports

Result: Potential references for more than 500.000 Statements

Is this source a reliable reference material **and** does the extracted data support the Wikidata Statement?

Wikidata Statement
Item: [Carlos Gattiker](#) [Q5042117]
Property: [country of citizenship](#) [P27]
Value: [Argentina](#) [Q414]

Source Data
Source URL: <https://en.tennistemple.com/-ps5038> (Retrieved: 2020-06-26 20:51:13)
Extracted Data:

```
{  
  "http://schema.org/name": [  
    "Argentina"  
  ]  
}
```


Item quality scoring

Goal: Get a better understanding of Wikidata's quality at scale

What we did: trained a machine learning system to better judge the quality of an Item

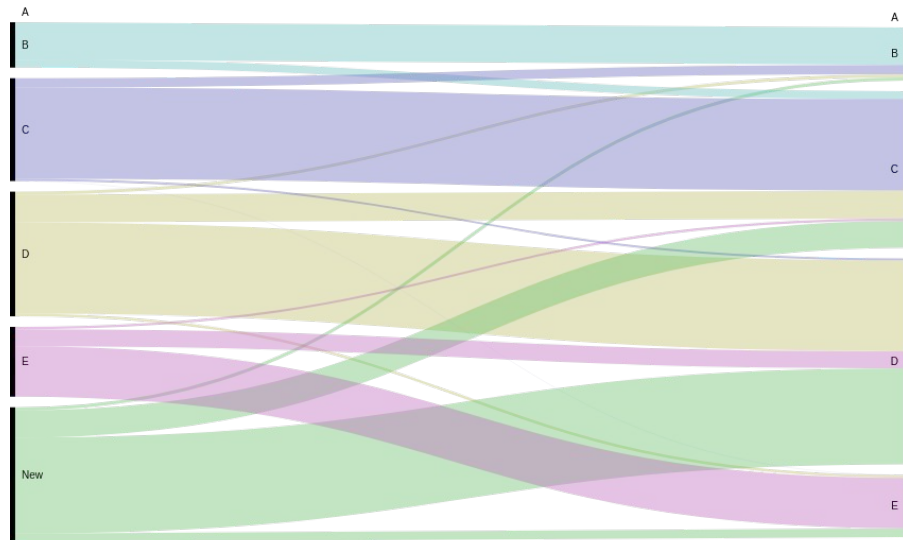
Results:

Cleopatra (Q635)...

ORES predicted quality: A (4.96)

last active pharaoh of Ptolemaic Egypt

Cleopatra VII Philopator | Cleopatra VII



Wikidata Bridge



Edit Wikidata's data from the Wikipedia interface

A brand new tool, a technical challenge

First version deployed on Catalan Wikipedia in August 2020

- Make simple edits in simple edit scenarios
 - Only edit single-value statements
 - Support values with datatype String
- Display existing references
- Lead Wikidata for more complex edit scenarios

Coming next: more features, edit references, more Wikipedias

Interested? Have a look at [mw:Wikidata Bridge](#)

✕ Edit Commons category Publish changes

Commons category

North Pole Telescope

References

Editing references will be possible on Wikidata after saving

Please select the type of edit that you made:

I corrected an incorrect value
The previous value was not correct and has never been.

I updated an outdated value
The previous value used to be correct but is now outdated.

The growth of Wikibase

Wikibase is the Mediawiki extension powering Wikidata
More and more people & organizations want to use it to power their own knowledge base!

We needed to improve it so it's easier to use it:

- Provide a relatively easy way to install and configure
- Provide examples and showcases in the documentation
- Clean the code from things written for Wikidata
- Help connecting the most important tools to Wikibase
- Federated properties: reuse part of Wikidata's structure
- Build a community and collaboration around Wikibase



A scenic autumn landscape featuring rolling hills covered in vibrant, colorful trees in shades of orange, yellow, and green. In the middle ground, a small wooden cabin is nestled on a hillside, partially obscured by a misty or foggy atmosphere. The sky is a deep, clear blue. The text "What's coming up" is overlaid in a large, white, sans-serif font across the upper portion of the image.

What's coming up

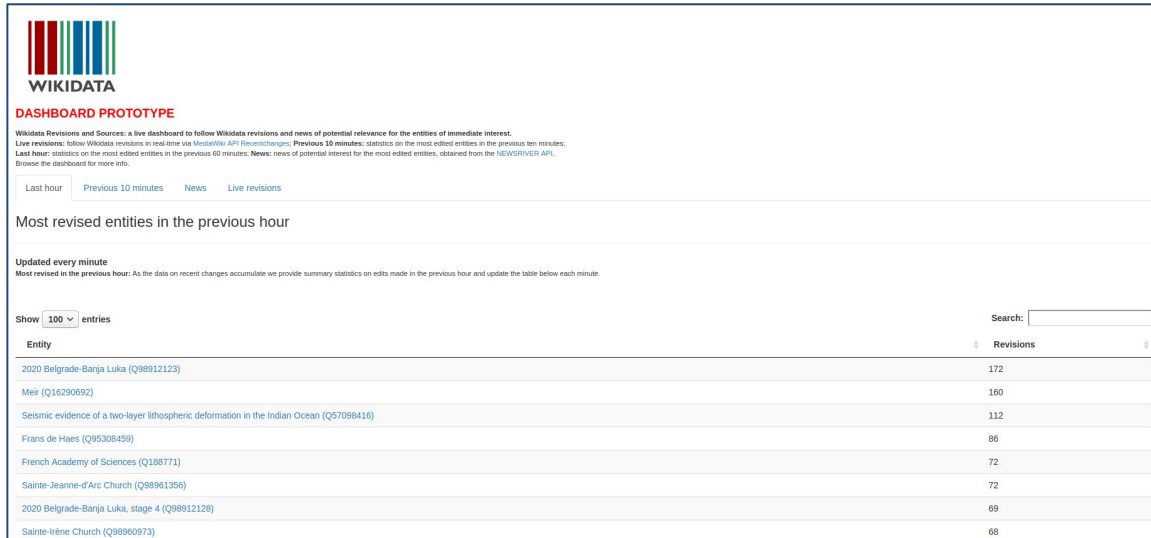
Languages & culture coverage

- **Making gaps and biases more visible**
- **Better support for lexicographical data**
- **A good base for Abstract Wikipedia**



Data quality

- Checks against 3rd-party databases
- Anomaly detection
- Identifying current events



WIKIDATA

DASHBOARD PROTOTYPE

Wikidata Revisions and Sources: a live dashboard to follow Wikidata revisions and news of potential relevance for the entities of immediate interest.
Live revisions: follow Wikidata revisions in real-time via MediaWiki API Recentchanges; Previous 10 minutes: statistics on the most edited entities in the previous ten minutes;
Last hour: statistics on the most edited entities in the previous 60 minutes; News: news of potential interest for the most edited entities, obtained from the NEWSRIVER API.
Browse the dashboard for more info.

Last hour Previous 10 minutes News Live revisions

Most revised entities in the previous hour

Updated every minute
Most revised in the previous hour: As the data on recent changes accumulate we provide summary statistics on edits made in the previous hour and update the table below each minute.

Show entries Search:

Entity	Revisions
2020 Belgrade-Banja Luka (Q98912123)	172
Meir (Q16290692)	160
Seismic evidence of a two-layer lithospheric deformation in the Indian Ocean (Q57098416)	112
Frans de Haes (Q95308459)	86
French Academy of Sciences (Q188771)	72
Sainte-Jeanne-d'Arc Church (Q98961356)	72
2020 Belgrade-Banja Luka, stage 4 (Q98912128)	69
Sainte-Tréne Church (Q98960973)	68

Reliable infrastructure

Deal with growth of content, editors and reusers

We want an infrastructure that can support:



- Scale the Query Service (common work between Wikimedia Germany & WMF - Search Platform Team)
 - Analyze how people & machines query the data
 - Fairer distribution among users editing with automated tools
 - New updater for the Query Service
- Figure out other ways to improve the reliability of the infrastructure

Easier access to the data

Simple Query Builder



- Alternative interface to build queries without writing code
- For people who know Wikidata but not yet SPARQL
- Easily create lists, e.g. for maintenance

Easier access for developers







- Understand how people access Wikidata's data
- Provide a better access point (REST API, standard and more adapted to the data model)

Simple Query Builder






Painters who were born between 1800 and 1900

Visual  Raw 






Find all items...

	Property 	Value 	References 
<input type="checkbox"/> with <input type="checkbox"/> without	occupation <input type="text"/> matching 	painter <input type="text"/>	<input type="checkbox"/> with and without references 
	<input checked="" type="checkbox"/> Include subclasses of the selected value 		

And Or


	Property 	Value 	References 
<input type="checkbox"/> with <input type="checkbox"/> without	date of birth <input type="text"/> before 	01.01.1900 <input type="text"/>	<input type="checkbox"/> without references only 


And Or

	Property 	Value 	References 
<input type="checkbox"/> with <input type="checkbox"/> without	date of birth <input type="text"/> after 	31.12.1799 <input type="text"/>	<input type="checkbox"/> without references only 

Limit the number of results to

Show IDs instead of labels (may prevent timeout)

[Show query in the Query Service](#) 

Results	 Link
---------	--



UX e Wikimedia

Per cominciare

UX Design sta per: **User eXperience Design** (*Progetto dell'esperienza dell'utente*)

La **UX** è lo studio dei comportamenti degli utenti e dei loro bisogni e di quali capacità, desideri o limiti questi possiedono.

U-che?!

Il ruolo degli **UX Designers** qui a Wikimedia Deutschland è quello di rendere la condivisione di tutta la conoscenza umana facile e gioiosa: l'obiettivo del team è di garantire che il processo di progettazione incentrato sempre sull'utente.

Basandoci sulla ricerca per comprendere le esigenze e le motivazioni delle persone, esploriamo tutte le soluzioni che soddisfano tali esigenze: il nostro processo di progettazione è trasparente e partecipativo, perché collaboriamo con la comunità globale di Wikipedia e Wikidata.



Che tipo di esperienza?

Dante Alighieri (Q1067)

Italian poet (1265-1321)

Dante | Durante degli Alighieri | Durante di Alighiero degli Alighieri

✓ publish ✕ cancel ⓘ

- In more languages

Configure

Language	Label	Description	Also known as
English	<input type="text" value="Dante Alighieri"/>	<input type="text" value="Italian poet (1265-1321)"/>	<input type="text" value="Dante"/> <input type="text" value="Durante degli Alighieri"/> <input type="text" value="Durante di Alighiero degli Alighieri"/> <input type="text" value="enter an alias"/>
German	<input type="text" value="Dante Alighieri"/>	<input type="text" value="italienischer Dichter und Philosoph"/>	<input type="text" value="enter an alias"/>
French	<input type="text" value="Dante Alighieri"/>	<input type="text" value="poète, homme politique et écrivain italien"/>	<input type="text" value="Dante"/> <input type="text" value="Durante di Alighiero degli Alighieri"/> <input type="text" value="enter an alias"/>
Bavarian	<input type="text" value="Dante Alighieri"/>	<input type="text" value="enter a description in Bavarian"/>	<input type="text" value="enter an alias"/>

All entered languages

Image ✓ publish ✕ remove ✕ cancel ⓘ

+ add qualifier

- 0 references

+ add reference

+ add value

Commons category edit

- 0 references

+ add reference

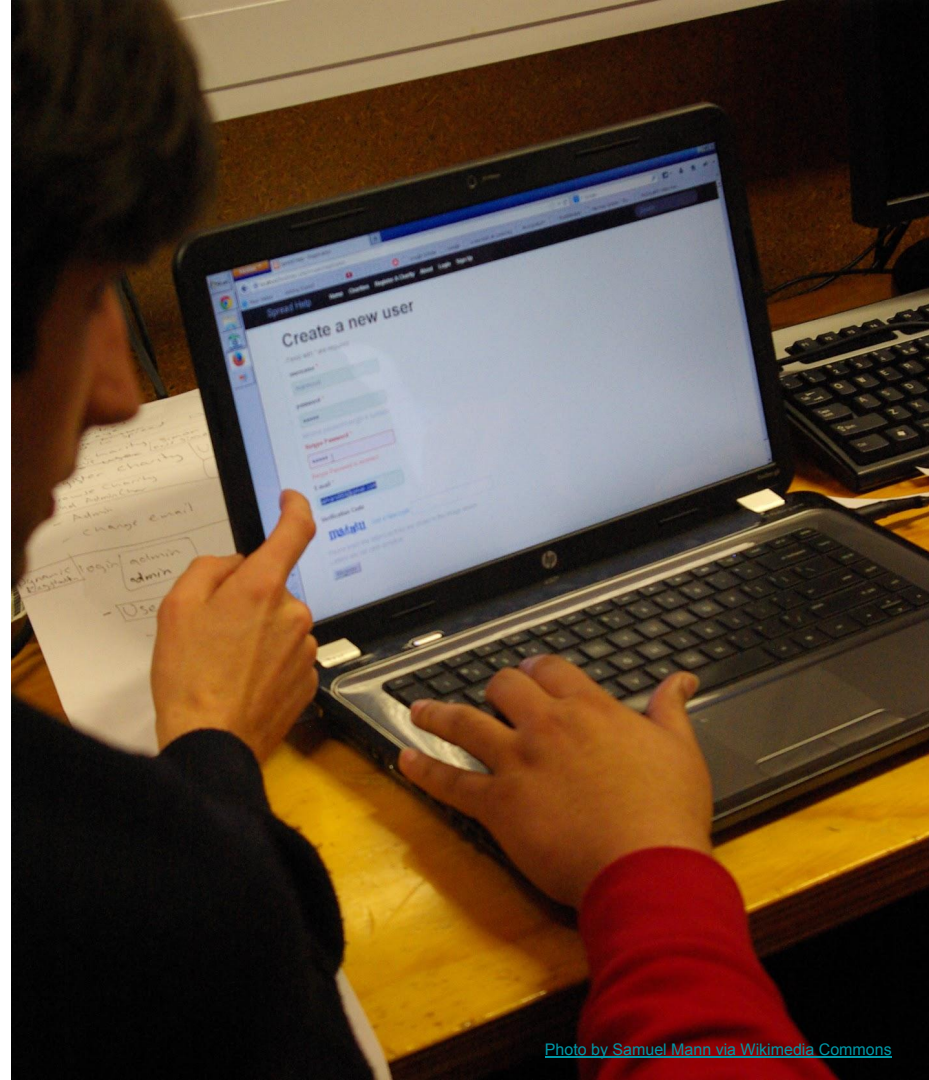
+ add value

Un esempio è l'interfaccia di Wikidata, sulla sinistra: il modo in cui la tabella per la modifica delle diverse voci reagisce e permette agli utenti di aggiungere descrizioni, fonti ed altro è frutto del lavoro di noi UX Designers.

Come raccogliamo il feedback degli utenti?

Esistono diversi metodi per la raccolta del feedback degli utenti: indifferentemente dal metodo di ricerca utilizzato, l'obiettivo degli UX Designers è quello di acquisire informazioni, stabilire fatti, trovare problemi e raggiungere nuove conclusioni.

Ad esempio, alcune domande a cui vogliamo dare una risposta sono: “Puoi mostrarci come utilizzi quest'interfaccia?”, “Qual è l'obiettivo che vuoi raggiungere con questa serie di azioni?” , “ Cosa ti blocca? Cosa, invece, ti aiuta?” , “ Come hai imparato a compiere quest'azione?” . . .



Partecipazione della comunità

La discussione e la condivisione sono per noi fattori chiave da considerare.

Nella nostra missione di supporto della diversità globale, le nostre soluzioni includono sempre la presa in considerazione di utenti con background culturali diversi ed eterogenei.

Solamente in questo modo possiamo assicurarci di soddisfare esigenze particolari e promuovere prospettive diverse.





Questions

Thanks for your attention!

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Pictures:

File:Iceberg in North Star Bay, Greenland.jpg, NASA, Public Domain

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File:ISA Tell Us about her header image.jpg, Islahaddow, CC BY SA

Various generated logos from Category:Wikidata's 8th birthday generated logos (CC0)

Various screenshots of Wikidata & tools