

Wikidata and Wikibase

Discovery Services Forum

June 2021

bit.ly/DISC2021Forum06



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Descriptive Data Management

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Special Collections Cataloger

Topics



June

- Wikidata and Wikibase (06/09)
 - SI Wikibase Pilot (VPN only: sil-viweb-wikibase.si.edu)
 - Overview: PCC Wikidata Pilot and Smithsonian Libraries' projects
- PCC Wikidata Pilot—Smithsonian Projects (06/23)
 - African ethnic groups
 - Artists Files
 - Dibner scientists portraits
 - Chinese ancestors portraits (Qing Dynasty)
 - Smithsonian Research Online (SRO)

Topics

- What are Wikidata and Wikibase
- Wikibase activities
 - Features and challenges
 - Data modeling needs
 - Implementations (SLA, US and worldwide)
- Wikidata outlets
- PCC Wikidata Pilot and Smithsonian projects

Wikidata and Wikibase

To collect world's knowledge in
a structured manner to benefit
all who seek knowledge



data repository that is open, free, collaborative, and multilingual, which collects structured data to support Wikipedia, Wikimedia Commons, and many other Wiki projects

software that WMDE has written to make Wikidata a powerful, flexible and customizable, available in multiple languages data repository, supports data serializations, e.g., JSON, N3, etc.

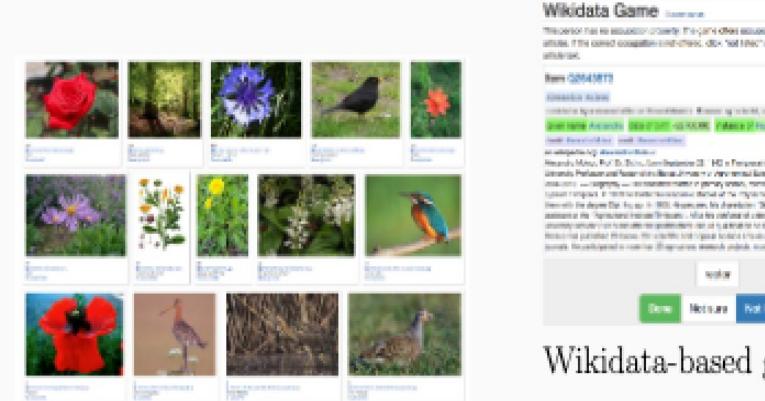


Wikibase as a decentralized perspective for Wikidata

Wikidata & Wikibase features

- Publish and connect SI collaborative curated data
- Accommodate general and granular data models
- Track coming and going of data flow
- Document discussions, best practices
- Support multilingual data content (including language independent Infobox)
- Open (Wikidata) and private (Wikibase)

Participatory science on Wikidata platform

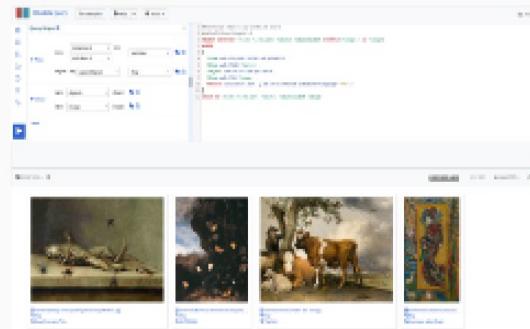


Wikidata-based game

Mapping streets in the Netherlands in terms of the species they are named after



Wikidata-based puzzle

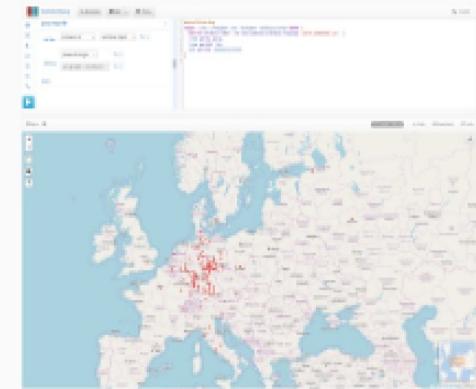


Results of a Wikidata SPARQL query for 'Paintings depicting frogs', based on collaborative annotation of paintings

Request a query



Fishing in the [Wikidata river](#) requires both an idea where to look for fish and a suitable fishing method. If you have the former, this page can help you find the latter.



Results of a query to the SPARQL endpoint of FactGrid, a Wikibase instance, depicting locations from which Illuminati members have sent letters

Community page for help with Wikidata SPARQL queries

https://upload.wikimedia.org/wikipedia/commons/2/22/ScidataCon_2018_poster_150_-_A_wiki_approach_to_collecting%2C_curating_and_managing_citizen_science_data.pdf

Proving sustainable data services



Wikibase features

- Independent of Wikidata
- Technology stack, potentially, viable for developing linked data store
- Accommodation for general and specialized data models
- Local control over data (which claims to remain private) and editors (who can edit what)
- Hooks into external APIs developments
- Connects to Wikidata

Wikibase potential pitfalls

- Lack of complex search interface on UI
Absence of filter and faceted search
- ~~Un~~sure of scalability and performance when exceeds millions of items
- Interconnecting for user interface and APIs
- ~~Lack~~ of federation with other Wikibase instances

Data modeling in Wiki ecosystem

- What are the entities that will matter?
- How much should be said about them?

What form
should the
description
take?

Where do
we start?

Where do
we stop?

Should there be
different treatments
for opinions and
interpretation?

Who will do the work?

oclc.org/research/presentations/2019/111319-godby-NISO-what-are-entities-that-matter.html

Lighthouse effects from national libraries

Wikifying authority files

Wikidata & Wikibase for National Libraries: the inaugural meeting 2019

Llyfrgell Genedlaethol Cymru/National Library of Wales

Kansalliskirjasto/National Library of Finland

Bibliothèque Nationale de France/National Library of France

Deutsche Nationalbibliothek/National Library of Germany

Library of Congress – USA

Linked Data for Production project (LD4P) – USA

OCLC – International

Kungliga biblioteket/National Library of Sweden

pro.europeana.eu/post/wikidata-wikibase-for-national-libraries-the-inaugural-meeting



Smithsonian
Libraries and Archives

Wikibase in Europe



FNE
Fichier national
d'entités)
NOEMI
(Nouvelles
Oeuvres,
Expressions,
Manifestations
et Items)

{BnF

French National Library

Bibliothèque nationale de France (BnF) and the
Bibliographic Agency for Higher Education in France
are building a new service for libraries and other
GLAM institutions based on Wikibase.



German National Library

The Deutsche Nationalbibliothek (DNB) is adopting Wikibase for its Integrated Authority File (GND). The GND is used throughout German speaking countries and contains 8 million records on persons, corporate bodies, geographical names and more.



Wikibase in OCLC Research



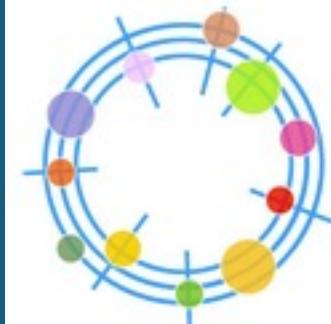
OCLC DevConnect Webinar Series, May 20, 2020

Building an OpenRefine Reconciliation Service Endpoint for a Wikibase project

Services	
VIAF	<input type="checkbox"/>
Fast Reconciliation Service	<input type="checkbox"/>
Pictograph (en)	<input type="checkbox"/>
CONTENTdm linked data pilot Reconciliation service	<input type="checkbox"/>

Shared Entity Management Infrastructure

Wikibase in art & archives community



Linked Jazz

THE UNIVERSITY OF
ALABAMA
School of
Library & Information Studies

Main page Discussion

Main Page

From Wikibase

base.sem lab.io/

Main page Recent changes Random page Help about MediaWiki Tools What links here Related changes

Main page Discussion More

Main Page

About

Welcome to the Semantic Lab at Pr installation, which serves as research. Current research | Project, and the Linked Jazz information on the Semantic please visit <https://sem lab.io>

RHIZOME

Rhizome

Rhizome is a leading digital arts organization based in New York. They maintain the ArtBase, an archive of more than 2,000 born-digital works of art from the 1990s to the present day.



DAAP

Wikidata and Wikibase for Film Archives

Wikibase in life sciences

Wikidata as a FAIR knowledge graph for the life sciences

Science Forum: Wikidata as a knowledge graph for the life sciences

Wikidata and the biodiversity knowledge graph



Smithsonian
Libraries and Archives

Custom Display

The collage consists of four screenshots:

- Project Passage Retriever ernest hemmingway**: A search interface for Wikidata, VIAF, and FAST. It shows results for "ernest hemmingway" across three tabs: Wikidata, VIAF, and FAST. The FAST tab indicates "No matches found in FAST for ernest hemmingway".
- "Charles L. Blockson Afro-American Research Library and Archives**: A screenshot of a library catalog entry for "People of the Historical Slave Trade". It includes fields for Name, First Name, Surname, Sex, Other Information, Project References, and Roles.
- RHIZOME / ArtBase**: A digital art exhibition interface showing a grid of artworks. One artwork titled "=-ap-prox::val::atr=-" by artist "ui uui" is highlighted, showing a colorful, abstract 3D rendering.
- DAAP**: An exhibition page for the artist book "(NOW)(THEN)(___)". It features a large image of the book cover, author information (Nicole Bachmann, Una Knox, Jasiek Mischke, E. Park and Laure Provost), and sections for About, Browse, Query, FAQ, and User Guide.



Grassroot development efforts

Wikibase instances outside of Wikimedia use Wikidata to augment and enrich their own data

Wikibase users can use and extend Wikidata's ontology in their own projects

The WikiLibrary Manifesto

Our vision is to create a reliable, machine-readable, collaborative arts, culture and science as a solid base for FAIR knowledge. Yet it requires a shared framework. The signers of the Wikimedia Libra vision of a common knowledge graph embedded in a shared framework. They will do so by respecting the principles listed below and by taking specific measures to fulfil their vision, also outlined below.

https://www.wikidata.org/wiki/Wikidata:WikiProject_LD4_Wikidata_Affinity_Group/Wikibase_and_WBStack_Working_Hours

Wikidata:WikiProject LD4 Wikidata Affinity Group/Wikibase and WBStack Working Hours

Wikibase Stakeholder Group

The Wikibase Stakeholder Group commissions production and maintenance of open source extensions to Wikibase, and documentation for institutions that want to operate and maintain a fully-fledged instance of Wikibase. [More...](#)

Wikibase Community User Group/Meetings

WIKIMEDIA
META-WIKI



Smithsonian
Libraries and Archives

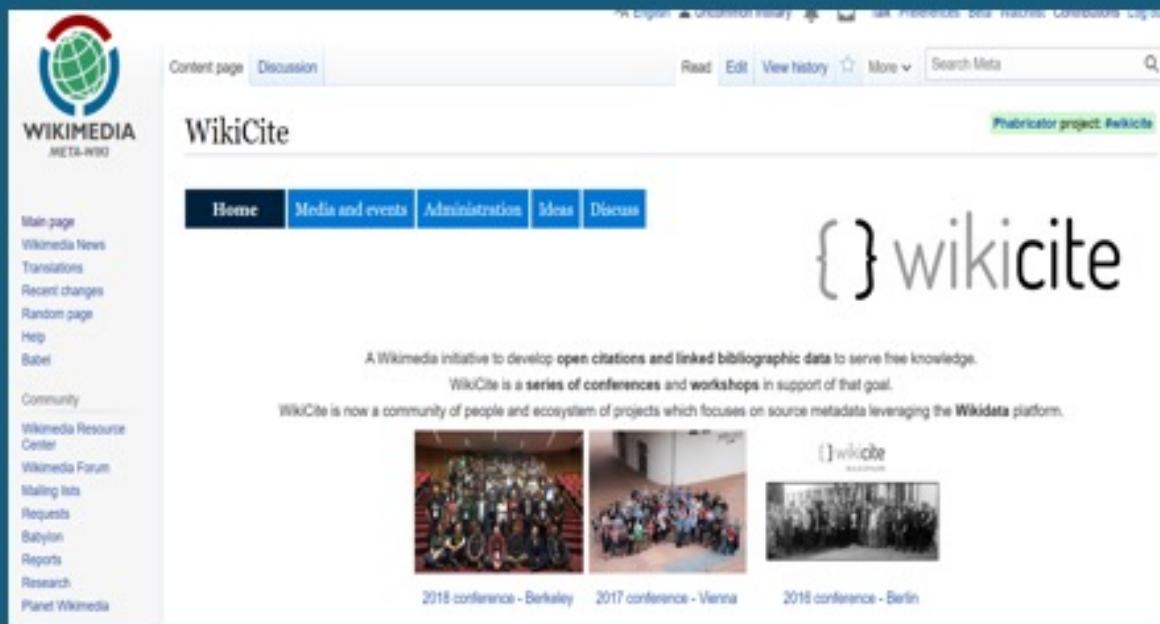
Examples of Wikidata projects and linked data

&

An overview of the PCC Wikidata Pilot



Wikicite



The screenshot shows the Wikicite project page on the Wikimedia Meta-Wiki. The page title is "WikiCite". The main content area features a large logo with curly braces and the word "wikicite". Below the logo, there is a brief description: "A Wikimedia initiative to develop open citations and linked bibliographic data to serve free knowledge. WikiCite is a series of conferences and workshops in support of that goal. WikiCite is now a community of people and ecosystem of projects which focuses on source metadata leveraging the Wikidata platform." There are three small images showing groups of people at conferences: "2018 conference - Berkley", "2017 conference - Vienna", and "2018 conference - Berlin". The sidebar on the left contains links to various Wikimedia projects and resources.

- a vision for a central database of scholarly citations made possible through Wikidata
- shareable, verifiable, multi-lingual
- books, journal & newspaper articles, and other content types

Scholia: a service that creates visual scholarly profiles for topics, people, organizations, species, chemicals, etc. using bibliographic and other information pulled from Wikidata

SCHOLIA Author Work ▾ Organization ▾ Location ▾ Event ▾ Project ▾ Award Topic ▾ Tools ▾ Help ▾ Search...

publisher sponsor author organization topic location

Smithsonian Institution (Q131626)

The Smithsonian Institution (smith-SOH-nee-ən), also known simply as The Smithsonian, is a trust instrumentality of the United States composed as a group of museums and research centers. It was founded on August 10, 1846, "for the increase and diffusion of knowledge". The institution is named after its founding donor, British scientist James Smithson. ... (from the [English Wikipedia](#))

Related: [Nordic Museum](#) · [European Bioinformatics Institute](#) · [University of Oxford](#) · [National Museum of Denmark](#) · [Thorvaldsen Museum](#) · [Secret Intelligence Service](#) · [The New York Times Company](#) · [Walt Disney World Resort](#) · [Expressen](#) · [Asahi Shimbun Company](#)

The topic in context

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graph TD; SI((Smithsonian Institution)) --> SAPAC((Smithsonian Asian Pacific American Center)); SI --> SIA((Smithsonian Institution Archives)); SI --> NMAI((National Museum of the American Indian)); SI --> SIP((Smithsonian Institution Press)); SI --> AIB((Arts and Industries Building)); SI --> FGAG((Freer Gallery of Art and Arthur M. Sackler Gallery)); SI --> SG((Smithsonian Gardens)); SI --> SAO((Smithsonian Astrophysical Observatory)); SI --> NMNH((National Museum of Natural History)); SI --> NMAH((National Museum of American History)); SI --> Subsidiary((Subsidiary)); SI --> NZ((National Zoo)); SI --> SSDP((Smithsonian Scientific Diving Program)); SI --> SCFCH((Smithsonian Center for Folklife and Cultural Heritage)); SI --> SL((Smithsonian Libraries)); SI --> SFS((Smithsonian Marine Station at Fort Pierce))
```



Scholia page for NMNH Anthropologist Kari Bruwelheide

SCHOLIA Author Work ▾ Organization ▾ Location ▾ Event ▾ Project ▾ Award Topic ▾ Tools ▾ Help ▾ Search...

author

Kari Bruwelheide (Q16727713)

Kari Bruwelheide (born March 16, 1967) is an American archaeologist and anthropologist. She is known for her work as a bioarchaeologist, forensic anthropologist at the Smithsonian Institution's National Museum of Natural History. She has assisted Douglas W. Owsley, Division Head of Physical Anthropology, identify skeletal remains and determine the cause of death in forensic cases. ... (from the [English Wikipedia](#))

 <https://orcid.org/0000-0002-1708-2845>

List of publications

Show 10 entries

Date	Work	Type	Pages
2019-11-05	Stable isotopes from the African site of Elmina, Ghana and their usefulness in tracking the provenance of enslaved individuals in 18th- and 19th-century North American populations	scholarly article	



HISTORY



Kari Bruwelheide

Museum Specialist (Skeletal Biology)

Department / Division

[Anthropology](#)

Research Interests

My research has an emphasis on forensic examination of modern and historic remains including skeletal studies of 17th and 18th-century American colonists, free and enslaved persons of African ancestry in America, 19th-century iron coffin burials, and Civil War

Scholia page for the Hope Diamond

SCHOLIA Author Work ▾ Organization ▾ Location ▾ Event ▾ Project ▾ Award Topic ▾ Tools ▾ Help ▾ Search...

Hope Diamond (Q640037)

The Hope Diamond is one of the most famous jewels in the world, with ownership records dating back almost four centuries. Its much-admired rare blue color is due to trace amounts of boron atoms. Weighing 45.52 carats, its exceptional size has revealed new findings about the formation of diamonds. ... (from the [English Wikipedia](#))

The topic in context



A diagram showing the relationships between the Hope Diamond and various entities. Nodes include 'diamond' (with a small diamond icon), 'blue' (with a color swatch icon), 'India' (with a map icon), 'Henry Hope' (with a portrait icon), 'Daniel Eliason' (with a portrait icon), 'Harry Winston, Inc.' (with a company logo icon), 'George IV of the United Kingdom' (with a portrait icon), 'Louis XIV of France' (with a portrait icon), and 'Harry Winston' (with a large company name icon). Relationships are labeled with arrows: 'country of origin' (India to diamond), 'instance of' (diamond to blue), 'location of discovery' (India to diamond), 'named after' (Henry Hope to diamond), 'color' (blue to diamond), 'location' (Daniel Eliason to diamond), and 'instance of' (Daniel Eliason to Harry Winston, Inc.).

COVIWD

COVID-19 Wikidata Dashboard

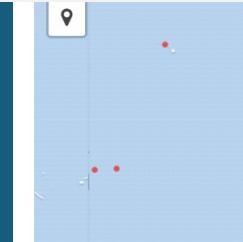
COVIWD

COVIWD: COVID-19 WIKIDATA DASHBOARD

COVID19 Map

COVID19

The [COVID-19 pandemic](#) is an ongoing pandemic of coronavirus disease 2019 (COVID-19), caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). The outbreak was first found in Wuhan, China, in December 2019, and was called a pandemic by the World Health Organization (WHO) on 11 March 2020. COVIWD (COVID-19 Wikidata Dashboard) provides a one-stop information/visualization service for COVID-19-related topics. The live data for this dashboard comes from [Wikidata](#), a free but quality, collaborative knowledge graph. The information presented here in this dashboard is not to be considered medical advice and is not intended to replace consultation with a qualified medical professional. A paper (in English) describing the data & query model and development of COVIWD is available at [this link](#). For any feedback, please feel free to contact [Fariz Darari](#).



Crotos

a search and display engine for visual artworks powered by
Wikidata and Wikimedia Commons

The screenshot shows the Crotos search interface with the following details:

- Header:** Language English, Images/page 20, Contribution mode, and a brightness slider.
- Search Bar:** The word "smithsonian" is entered in the search bar, and the "Search" button is visible.
- Results Summary:** 3769 Results.
- Filter:** A dropdown menu is set to "Everything".
- Pagination:** Page numbers 1 through 189, and a "Random" button.
- Artwork Preview:** Five artworks are displayed:
 - Ojibwe Spearing Salmon by Torchlight by George Catlin - Smithsonian American Art Museum
 - Self-Portrait by Malvin Gray Johnson - Smithsonian American Art Museum
 - The Girl I Left Behind Me by Eastman Johnson - Smithsonian American Art Museum
 - Richard Bache by John Hoppner - National Portrait Gallery
 - David Rittenhouse by Charles Willson Peale - National Portrait Gallery
- Commons Icons:** Below each preview are icons for Creative Commons license information.

Wikidata Art Depiction Explorer (example of a painting from SAAM)



Alice Pike Barney, in Wedding Gown (Q20488341)

Label from: English (en)

[view on Wikidata](#)[skip this artwork](#)[browse artworks](#)

artist: Jared Bradley Flagg (Q6159912)

collection: Smithsonian American Art Museum (Q1192305)

location: Smithsonian American Art Museum (Q1192305)

country of origin: United States of America (Q30)

material used: oil paint (Q296955) canvas (Q4259259)

depicts: portrait (Q134307) woman (Q467) dress (Q200539) necklace (Q189299)

bracelet (Q201664) ring (Q46847) earring (Q168456)

instance of: painting (Q3305213)

Smithsonian American Art Museum ID: 8402

information from the Smithsonian American Art Museum catalog

keywords [Occupation – art – designer](#) [Portrait female – Barney, Alice Pike](#)

[Portrait female – Barney, Alice Pike – waist length](#) [Occupation – art – painter](#)

[Occupation – art – pastelist](#)

Wikidata “Mix-n-Match” tool (an alternative to Open Refine) for matching entries in external databases to Wikidata items

Mix'n'match English Welcome, Uncommon fritillary Search Search

This tool can list entries of some external databases, and allows users to match them against Wikidata items. Think 'red link lists on steroids'. See the manual or watch a video for a how-to. For an alternative, see OpenRefine. You can suggest, import, or scrape new catalogs. See also: AC properties without Mix'n'match.

Catalog groups

Group	Catalogs
	8
Cinema	49
Music	11
Software	14
Wolfram Language entity	85
Archives	28

Search catalogs

BHL

- BHL creator identifier for an author in the Biodiversity Heritage Library database [biography]
- BHL bibliography identifier for a journal or book ("bibliography") in the Biodiversity Heritage Library (BHL) [science]
- BHL Bibliotheca Hagiographica Latina [literature]

Latest catalogs

Autores de la revista Cuadernos Salmantinos de Filosofía y Autoridades de la Universidad Pontificia de Salamanca Combinación de Autores de la revista Cuadernos Salmantinos de Filosofía y Autoridades de la Universidad Pontificia de Salamanca para importar a Wikidata

Mix'n'match English Welcome, Uncommon fritillary Search Search

BHL creator

identifier for an author in the Biodiversity Heritage Library database

Action ▾

1 2 3 4 5 ... 709 All types ▾

G. Kraatz	Synonymische Bemerkungen; DOI 10.1002/mmnd.18680120426	By Magnus Manske
Ernst Gustav Kraatz [Q65422]	Ernst Gustav Kraatz was a Kingdom of Prussia entomologist and pedagogue. He was born on March 13, 1831 in Berlin. He died on November 2, 1909 in Berlin.	Remove
O Heinroth	Bericht über die Novembersitzung 1919; DOI 10.1007/bf02537671	By Magnus Manske
Oskar Heinroth [Q71143]	Oskar Heinroth was a German ornithologist, zoologist, and taxonomist. He was born on March 1, 1871 in Mainz-Kastel. He studied at University of Kiel. His field of work included ornithology and ethology. He was a member of German Academy of Sciences Leopoldina. He married Katharina Heinroth and Magdalena Heinroth. He died on May 31, 1945 in Berlin.	Remove
C Wedl	On capillary vascular systems in the Gasteropoda; DOI 10.1080/00222936808695863	By Magnus Manske
Carl Wedl [Q86451]	Carl Wedl was a Austrian pathologist, professor, and physician. He was born on October 14, 1815 in Vienna. He studied at University of Vienna. He worked for University of Vienna. He died on September 21, 1891 in Vienna.	Remove

Wikidata, library projects, and SLA: A natural progression

- During the shutdown of SI offices because of the COVID-19 pandemic, staff from SLA tech services, scholarly communication and other units were looking for telework projects that could help move us forward into creating and using linked data related to SI research and collections
- The PCC Wikidata Pilot, launched in the summer of 2020, proved to be a perfect opportunity for SLA staff to get involved, learn best practices, and consider how we might approach data modelling for our Wikibase project

The Program for Cooperative Cataloging (PCC)

The PCC is a Library of Congress-based office supporting international efforts to expand access to library collections with mutually accepted standards

The screenshot shows the PCC homepage on the Library of Congress website. The top navigation bar includes links for Ask a Librarian, Digital Collections, Library Catalogs, Search, Search Loc.gov, and a GO button. The main content area features a map of the world with red lines indicating global reach. Below the map, a section titled "Programs of the PCC:" lists BIBCO, CONSER, NACO, and SACO. A descriptive text box explains the PCC's mission as a democratic and diverse organization that contributes bibliographic records and related data under common standards.

What is the mission of the Program for Cooperative Cataloging (PCC)?

MISSION

The PCC promotes the discovery and use of the world's knowledge by supporting metadata producers in library and other cultural heritage communities and by forging alliances with partners who share common goals. PCC members create trusted metadata and support its use and reuse by global communities.



PCC Wikidata Pilot: Harnessing trends in linked data

- The PCC Wikidata Pilot is an exercise in sharing expertise and training among members, and an opportunity to rethink the necessary content of authorized headings
- PCC Wikidata Pilot members are actively discussing how to address issues and problems that traditional practices have raised, such as harmful language in headings, the need for inclusivity of underrepresented groups, and a desire for greater transparency in authority work
- Projects like Wikidata supplement, but will not replace, headings authorized by the PCC: the goals and needs of the two initiatives are not always the same
- FAIR Principles: Findability, Accessibility, Interoperability, Reusability of data, especially in the sciences. Wikidata is a tool for supporting these principles, in sync with the work of national libraries like the Library of Congress and PCC contributors

Why Is the PCC re-thinking its approach to creating authorized headings?

- The current level of work is hard to sustain when so many cataloging departments are losing staff, even though workloads aren't shrinking
- Catalogers want to be innovative and take reasonable risks in trying new collaborative linked data platforms like Wikidata
- New approaches for developing shared best practices in creating and enhancing metadata offer possible solutions to a challenging workload

PCC Wikidata Pilot Overview



Project page Discussion Read Edit View history More Search Wikidata

Wikidata:WikiProject PCC Wikidata Pilot

Welcome Participants Pilot Resources Wikidata Resources Pilot Best Practices

Contents [hide]

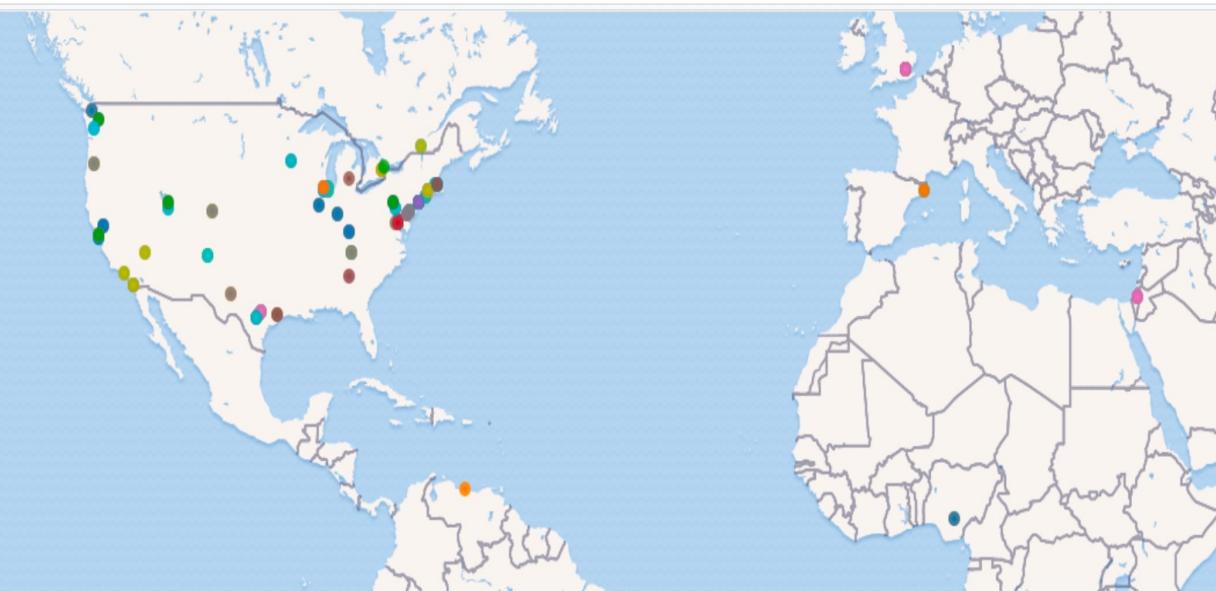
- 1 Aim and Scope
 - 1.1 Learning Objectives
- 2 Background
 - 2.1 About the PCC
 - 2.2 Mission
 - 2.3 PCC Task Group on Identity Management in NACO
- 3 Contact

Aim and Scope [edit]

Wikidata has become a high-demand identifier hub, with considerable community buy-in and recognition as an identity reconciliation service, which makes Wikidata ideal in the implementation of identity management principles. Wikidata facilitates a NACO-Lite approach that would lower the barrier to authority creation and maintenance by PCC members.

PCC Wikidata Pilot Overview

Participants [edit]



- Accademia delle Scienze di Torino
- Berenson Library
- Bern University of Applied Sciences
- Brandeis University
- Brigham Young University
- Carleton College
- Casalini Libri
- Columbia University Libraries
- Dickinson College, St. Mary's University, University of Connecticut, University of Houston (Main and Clear Lake), University of Texas of the Permian Basin
- Duke University Libraries
- Fondren Library, Rice University
- Frick Art Reference Library
- George Mason University
- Georgetown University
- Harry Ransom Center
- Harvard Library
- Illinois State University
- Instituto Autonomo Biblioteca Nacional y de Servicios de Bibliotecas Venezuela National Library
- IUPUI
- Library of Congress
- McGill University
- Michigan State University Libraries
- MIT
- Smithsonian Libraries
- St. Mary's University
- Stanford University
- Stuart A. Rose Library, Emory University
- Texas A&M University Libraries
- Texas State University Libraries
- The British Library
- The New School
- United States Tax Court
- University of California, Davis
- University of California San Diego
- University of California, Los Angeles
- University of Chicago
- University of Colorado Boulder
- University of Connecticut
- University of Delaware
- University of Kentucky
- University of Maryland, Baltimore
- University of Maryland Libraries
- University of Minnesota Libraries
- University of Nevada, Las Vegas
- University of Nigeria
- University of Notre Dame, Hesburgh Libraries
- University of Oregon
- University of Pennsylvania

PCC Wikidata Pilot Overview: SLA Sub-Projects

Sub-Projects [edit]

- [African Ethnic Groups](#)
 - Items will be created, or, if already existing, enhanced, for the African ethnic group names currently used in local subject headings by the Warren M. Robbins Library of the National Museum of African Art.
- [Art and artists' files](#)
 - Items will be created or enhanced if already exists, for the artists data matched in SI artists databases. Firstly, from the Libraries' [↗](#) and SAAM's (Smithsonian American Art Museum) [↗](#) databases.
- [Chinese Ancestors Portraits](#)
 - Items will be created, augmented and reviewed for accuracy Wikidata pages for names matched to the Freer and Sackler Galleries collection of Chinese Ancestors portraits.
- [Dibner Library of the History of Science and Technology Portraits](#)
 - Items will be created, or, if already existing, enhanced, for the sitters, artists, engravers, etc. featured in the Dibner Library of the History of Science and Technology's Scientific Identity [↗](#) website, to be supplemented later by additional portraits which had been omitted from the website for various reasons (not digitized at the time, acquired later, etc.).
- [Smithsonian Research Online](#)
 - Items will be created to facilitate scholarly discovery of publication citations and full online editions for works by researchers and scholars affiliated with the Smithsonian, drawing from the Smithsonian Research Online [↗](#) database.
 - Smithsonian museums and research units (subproject)
 - Smithsonian Profiles (subproject)
 - Items will be created, or, if already existing, enhanced, for notable curatorial and research staff from the Smithsonian Profiles [↗](#) website.

References

- SI PRISM Wikimedia and Linked Data
sinet.sharepoint.com/sites/Prism-SLA/SitePages/Wikimedia-and-Linked-Data.aspx
- SI Wikibase Pilot
sil-viweb-wikibase.si.edu
- PCC Wikidata Pilot: Smithsonian Libraries
wikidata.org/wiki/Wikidata:WikiProject_PCC_Wikidata_Pilot/Smithsonian_Libraries
- Wikibase yearly summary 2021
lehir.net/wikibase-yearly-summary-2021/

Thank you!

bit.ly/DISC2021Forum06



Jackie Shieh
Descriptive Data Management

Diane Shaw
Special Collections Cataloger