



WIKIDATA WOKSHOP #1

season 2021-2022

WIKIDATA – the basics

The basics

WIKIDATA and Wikimedia's universe:

- Wikimedia's universe
- Wikidata's definition
- Wikidata, Wikipedia and Wikimedia Commons : interwiki links

Understanding Wikidata:

- user account
- key concepts
- triples: two elements and one relation
- external identifiers

Contributing to Wikidata :

- creating a Wikidata item
- editing an item: adding a statement, modifying a statement



WIKIDATA and Wikimedia's universe

Wikimedia Foundation, Wikidata, Wikipedia, Wiki Commons

WIKIDATA: The basics

LINKED
DIGITAL
FUTURE



CAPAOA
CANADIAN ASSOCIATION
OF PROFESSIONAL
ARTISTS

cqT
CONSEIL
QUÉBÉCOIS
DU THÉÂTRE

REGROUPEMENT
QUÉBÉCOIS DE
LA DANSE



LACOGENCY

Wikidata and Wikimedia's universe

Wikimedia Foundation: a big family of free and open projects

Only people (not companies or commercial entities) can contribute.



WIKIPEDIA
The Free Encyclopedia



Wiktionary
The free dictionary



WIKISOURCE



WIKINEWS



WIKISPECIES
free species directory



WIKIDATA



WIKIMEDIA
COMMONS



WIKIMEDIA
META-WIKI



WIKIMEDIA
INCUBATOR



WIKIMEDIA
LABS

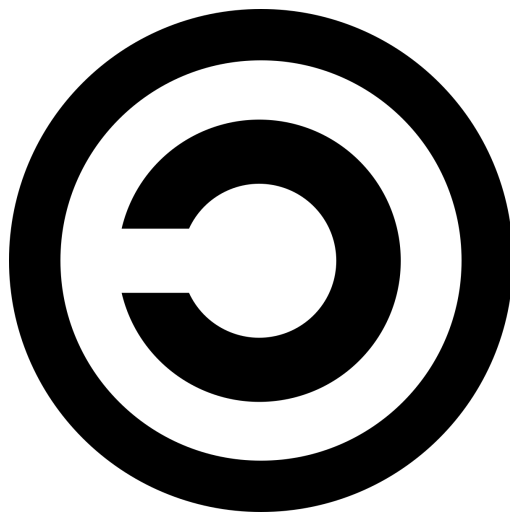


WIKIMEDIA
FOUNDATION

Central concept: copyleft

“**Copyleft** is the practice of **granting the right to freely distribute and modify intellectual property with the requirement that the same rights be preserved in derivative works created from that property**” [Wikipedia](#)

The simplest way to make a program free software is to put it in the the public domain, uncopyrighted.



<https://creativecommons.org/about/cclicenses/>

What is Wikidata?



Structuring data in machine-readable format facilitates the consultation, search, modification, conservation, operation and reusing of the items

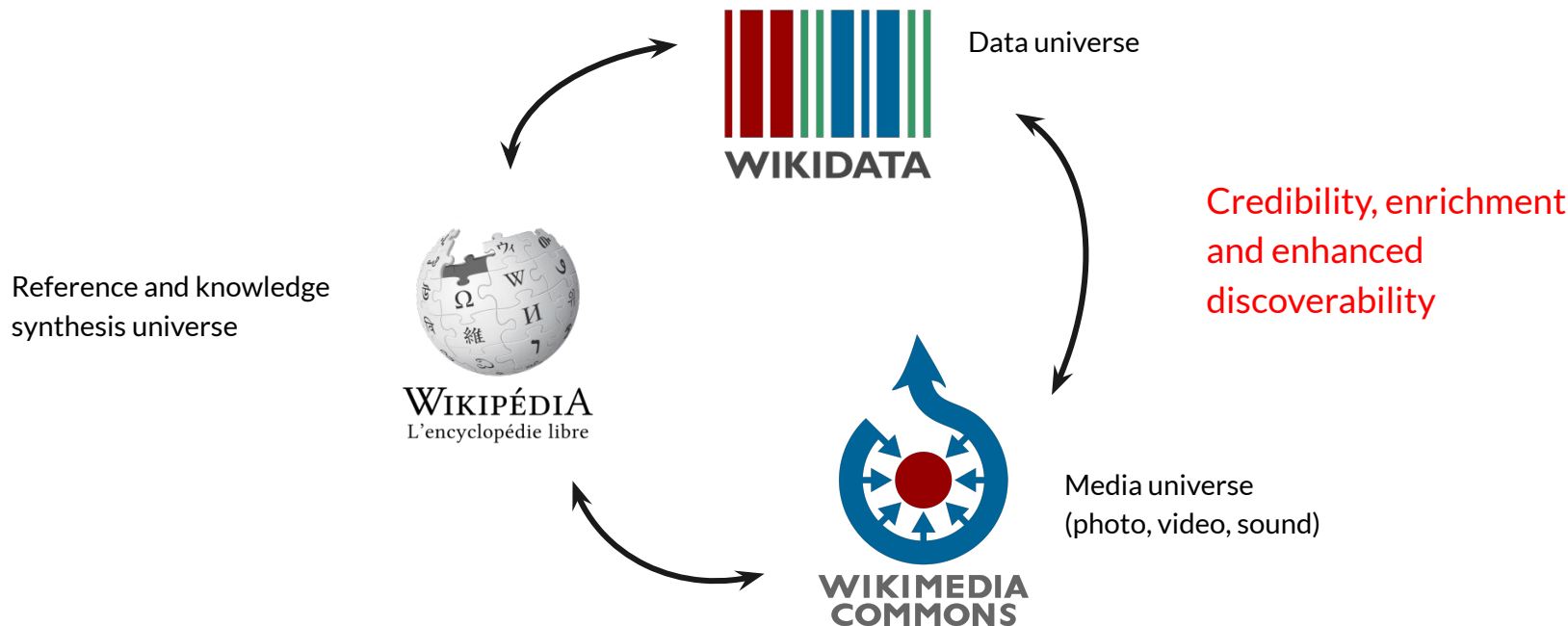
- Reliable knowledge base for Wikimedia projects like Wikipedia.
- It assembles data, not internet pages.
- It's unlimited: number of topics, amount of information, amount of data.
- Open: everyone – humans and machines – can read, add, modify data and use it for free.
- Multilingual by design.
- It can be interlinked to other open data sets on the linked data web.

Wikidata and Wikimedia's universe

Interwiki links: the relationship between Wikipedia, Wiki Commons and Wikidata.

An interwiki link or inter-projet link is an [external link](#) towards another [Wikimedia Foundation](#) project.

Interwiki links (shortcuts) allow to link for example the pages that are on Wikipedia, to data that is on Wikidata with media stored in Wiki Commons.



A short horizontal bar with a teal segment on the left and a magenta segment on the right.

Understanding Wikidata

1. User account
2. Key concepts

WIKIDATA: The basics

Understanding Wikidata

Although it is possible to contribute incognito, it is recommended to create a **user account** in order to benefit from all the multilingual and tracking features.

The screenshot shows the Wikidata homepage. On the left is a sidebar with navigation links: Main page, Community portal, Project chat, Create a new Item, Recent changes, Random Item, Query Service, Nearby, Help, Donate, Lexicographical data, Create a new Lexeme, Recent changes, Random Lexeme, and Tools. The main content area features a large network diagram with nodes labeled 'free', 'open', 'multilingual', 'collaborative', and 'structured'. A central grey box contains the text 'Welcome to Wikidata' and 'the free knowledge base with 95,234,079 data items that anyone can edit.' Below this are links for 'Introduction • Project Chat • Community Portal • Help' and a link to 'Translate the missing messages.' At the top right, a navigation bar includes 'Not logged in', 'Talk', 'Contributions', 'Create account', and 'Log in'. A red starburst graphic points to the 'Create account' link. Below the main content are two sections: 'Welcome!' and 'Learn about data'. The 'Learn about data' section includes the text 'New to the wonderful world of data? Develop and improve your data literacy through content designed to get you up to speed and feeling comfortable with the fundamentals in no time.' and three images: a globe, a document, and a mountain.

WIKIDATA

Main page
Community portal
Project chat
Create a new Item
Recent changes
Random Item
Query Service
Nearby
Help
Donate

Lexicographical data
Create a new Lexeme
Recent changes
Random Lexeme

Tools

What links here
Related changes
Special pages
Permanent link
Page information
Wikidata item

Welcome to Wikidata

the free knowledge base with 95,234,079 data items that anyone can edit.

Introduction • Project Chat • Community Portal • Help

Want to help translate? [Translate the missing messages.](#)

Not logged in | Talk | Contributions | [Create account](#) | Log in

You are encouraged to create an account and log in; however, it is not mandatory.

New to the wonderful world of data? [Develop and improve your data literacy through content](#) designed to get you up to speed and feeling comfortable with the fundamentals in no time.

Understanding Wikidata

Creating an user account

- It **must be a personal account**.
- **User name:** choose an alias that doesn't resemble your artist name or your organization.
- The user account is **valid for all Wikimedia sister projects**, including Wikipedia and Wiki Commons.



Main page
Community portal
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Create a new Item
Recent changes
Random Item
Query Service
Nearby
Help
Donate

Lexicographical data
Create a new Lexeme
Recent changes
Random Lexeme

Tools
Special pages
Printable version

<https://www.wikidata.org/wiki/Special:CreateAccount>

Special page

Create account

Language: Deutsch | English | Esperanto | français | español | Italiano | Nederlands

Username [\(help me choose\)](#)

Enter your username

Password

Enter a password

It is recommended to use a unique password that you are not using on any other website.

Confirm password

Enter password again

Email address (optional)

Enter your email address

To protect the wiki against automated account creation, we kindly ask you to enter the words that appear below in the box ([more info](#)):

CAPTCHA Security check

setupsian

[CRefresh](#)

Enter the text you see on the image

[Can't see the image?](#)

Create your account

Wikidata is made by people like you.



1,505,735,986

edits



95,237,182

items



23,143

recent contributors

Key concepts

A TRIPLE is a statement containing a subject, predicate and object, and declares a descriptive information in Wikidata.

THING + RELATION + THING

Example :

ITEM + PROPERTY + VALUE

Monique Mercure IS an actress

Statements on Wikidata	Item	Property	Value
In everyday language	Subject	Predicate	Object

In Wikidata, a person is a «thing» as long as we haven't stated their human nature. The fact of putting them on the same hierarchical level as all other things is important: it highlights the importance of turning an implicit information (we know that Monique Mercure is a person) into explicit information (a machine needs to be told that information).

In Wikidata, the value is often another thing, another Q item (that can be also linked to other elements). This is how that data is “linked” and how it allows for a better organization of knowledge than when it is coded as text.

Understanding Wikidata

Key concepts

Item

- An entry/profile/page in Wikidata.
- The item refers to an object, a person, a concept or an event of the real world and the informations related to it.
- Each item has a **unique identifier that starts with the letter Q**. This is the item's « name » or « label »).

Statements

- List of claims (properties) that describe the item and that appears on the item's page. That's where the « thing » is defined.

Properties

- A **property** (or attribute) is one of the item's descriptions. These properties are established and updated on Wikidata.

Values

- A **value** provides the information for the property (ie: (property) Name: (value) Monique).

Item: Discussion

Monique Mercure (Q432398)

Canadian actress

+ in more languages

Language	Label	Description	Also known as
English	Monique Mercure	Canadian actress	
French	Monique Mercure	actrice canadienne	Monique Émond
Italian	Monique Mercure	attrice canadese	
German	Monique Mercure	kanadische Schauspielerin	Monique Émond

All entered languages

Statements

instance of	human	edit
	+ 1 reference	+ add value
sex or gender	female	edit
	+ 1 reference	+ add value
country of citizenship	Canada	edit
	+ 0 references	+ add reference
		+ add value
name in native language	Monique Mercure (French)	edit
	+ 0 references	+ add reference
		+ add value

Wikipedia (14 entries) [edit](#)

Wikibooks (0 entries) [edit](#)

Wikinews (0 entries) [edit](#)

Wikiquote (0 entries) [edit](#)

Wikisource (0 entries) [edit](#)

Wikiversity (0 entries) [edit](#)

Wikivoyage (0 entries) [edit](#)

Wiktionary (0 entries) [edit](#)

Multilingual sites (0 entries) [edit](#)

For a more complete overview of Wikidata's vocabulary, visit :

► [Wikidata:Glossary](#)

Understanding Wikidata

Details of a statement

ie. : [Douglas Adams - Wikidata](#)

The image shows a Wikidata page for Douglas Adams (Q42) with various annotations explaining the structure of a statement. The annotations are as follows:

- label**: Points to the name "Douglas Adams".
- item identifier**: Points to the identifier "Q42".
- description**: Points to the text "English writer and humorist".
- aliases**: Points to the text "Douglas Noël Adams | Douglas Noel Adams".
- property**: Points to the property "educated at".
- value**: Points to the value "St John's College".
- qualifiers**: Points to the qualifiers "end time", "academic major", "academic degree", and "start time".
- rank**: Points to the rank "2 references".
- statement group**: Points to the statement group "2 references".
- opened references**: Points to the opened reference "Encyclopædia Britannica Online".
- collapsed reference**: Points to the collapsed reference "Brentwood School".

The Wikidata page content is as follows:

Douglas Adams (Q42)

English writer and humorist

Douglas Noël Adams | Douglas Noel Adams

[In more languages](#)

Statements

educated at

St John's College

end time: 1974
academic major: English literature
academic degree: Bachelor of Arts
start time: 1971

2 references

Encyclopædia Britannica Online

reference URL: <http://www.nndb.com/people/731/000023662/>
original language of work: English
retrieved: 7 December 2013
publisher: NNDB
title: Douglas Adams (English)

Brentwood School

end time: 1970
start time: 1959

0 references

Triples/statements: Different words, same concepts

Triples and **statements** are the same method of representing knowledge. But their terminology is different.

Knowledge representation framework	Referent entity	Link	Value
Resource Description Framework (RDF)	Subject	Predicate	Object
Wikidata statement	Item	Property	Value
Plain language	Thing	Relationship	Thing

Remember: The “value” can either be another **entity/item** or a **literal value** (a number, a string of text characters, a date, geo coordinates, an URL, etc.)

A few sample triples

Take the sentence "Santee Smith is the artistic director of Kaha:wi Dance Theatre".
At least three triples or statements can be inferred from this sentence:

1. "Kaha:wi Dance Theatre — has artistic director — Santee Smith"
2. "Kaha:wi Dance Theatre — is an instance of — a dance troupe" (which is Wikidata's way of stating that: Kaha:wi Dance Theatre is a dance troupe)
3. "Santee Smith — has instance of — human"

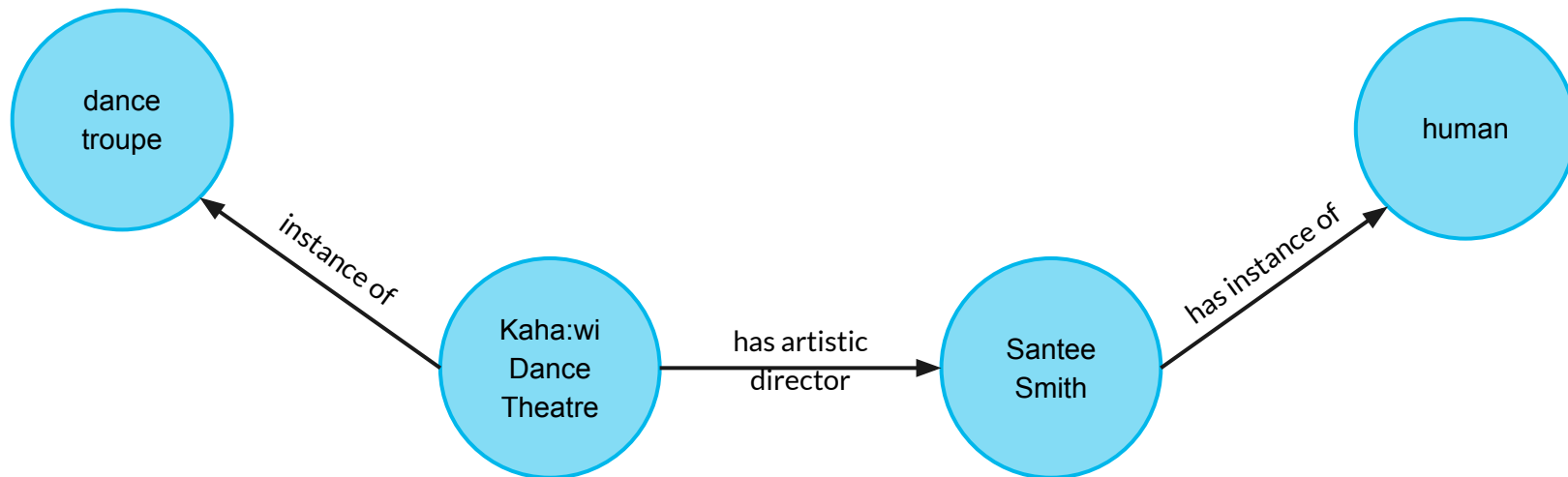
A few sample statements (with IDs)

Item (subject)	Property (predicate)	Value (object)
Kaha:wi Dance Theatre (Q102341350)	artistic director (P8938)	Santee Smith (Q92549626)
Kaha:wi Dance Theatre (Q102341350)	instance of (P31)	dance troupe (Q239331)
Santee Smith (Q92549626)	instance of (P31)	human (Q5)

A few sample statements (what machines see)

Item (subject)	Property (predicate)	Value (object)
Q102341350	P8938	Q92549626
Q102341350	P31	Q239331
Q92549626	P31	Q5

A few sample statements (graph version)



Key concepts

External identifiers

An **external identifier** is a property stating: “this thing in Wikidata is the **same as** this thing in this other database”. It **uniquely identifies** an item across databases. Examples of external identifiers include [ISNI](#), [IMDb](#), [ISBN](#), as well as social media usernames and IDs.

External identifiers are powerful: they connect a Wikidata item with its various other active digital footprints across the web of data. In other words, Wikidata can be the one bridge identifier that reconciles all other identifiers.



Contributing to Wikidata

1. Creating a new item
2. Editing an existing item

Creating a new item

First verify if it already exists!

- Make a search with the Wikidata search engine.
- If many items have the same name, you may have to go through the list in order to verify if the item that you wish to create is already there (in Wikidata's world, we call this “disambiguation”).

The screenshot shows the Wikidata homepage. At the top right, there are links for "English", "Not logged in", "Talk", "Contributions", "Create account", and "Log in". Below these, there is a search bar with the text "Monique Mercure" entered. A red arrow points from the search bar to the search results. The search results show "Monique Mercure" as a "Canadian actress" and a link to "Search for pages containing Monique Mercure". The main content area has a "Welcome to Wikidata" message, stating that Wikidata is a "collaborative" and "structured" edge base with 95,639,011 data items that anyone can edit. It also includes links for "Introduction", "Project Chat", "Community Portal", and "Help". At the bottom, there is a "Learn about data" section with a blue header and a green footer. The footer contains the text "humans and" and "projects including" followed by three small images of Earth from space.

Creating a new item

Choose “Create a new item” on the left side menu.

Main page
Community portal
Project chat
Create a new Item
Recent changes
Random Item
Random Lexeme

Visit the main page

WIKIDATA

Main page
Community portal
Project chat
Create a new Item
Recent changes
Random Item
Query Service
Nearby
Help
Donate

Lexicographical data
Create a new Lexeme
Recent changes
Random Lexeme

Tools
Special pages
Printable version

Special page

Create a new Item

Please make sure that the item you want to create complies with our [notability policy](#) and that it [doesn't already exist](#).

If you want to create an item about a [living person](#), be mindful of their privacy.

We appreciate it if you create a [label](#) and a [description](#) for all of your new items.

The first letter of your label should only be capitalized if it is a [proper noun](#) ([Q147276](#)), and your description should *not* be

To create a new lexeme ([read here first to learn how a lexeme is different from an item](#)), please use [Special:NewLexeme](#)

By clicking "Create", you agree to the [terms of use](#), and you irrevocably agree to release your contribution under the [CC BY-SA](#)

Warning: You are not logged in. Your [IP address](#) will be publicly visible if you make any edits. If you [log in](#) or [create an account](#)

Create a new Item

Language:

en

Label:

enter a label in English

Description:

enter a description in English

Aliases, pipe-separated:

enter some aliases in English

Create

- Add the artist's name under «Label» and click on «Create».

- Ignore the other boxes: you will be able to modify them afterwards.

Editing and/or enriching an item

- All statements are **modifiable** – with exception of the item's name which is permanent.
- At the bottom of the property list, you will find “**add statement**”. Click and add a statement.

The screenshot shows the Wikidata page for Marie Chouinard (Q434639). The page is titled "Marie Chouinard (Q434639)" and is categorized as "Canadian dancer and choreographer". The left sidebar contains navigation links such as "Main page", "Community portal", "Project chat", "Create a new item", "Recent changes", "Random item", "Query Service", "Nearby", "Help", "Donate", "Lexicographical data", "Create a new Lexeme", "Recent changes", "Random Lexeme", "Tools", "What links here", "Related changes", "Special pages", "Permanent link", "Page information", "Concept URI", and "Cite this page".

The main content area displays the item's details, including a table of labels and descriptions in various languages (English, French, Italian, German). The "English" row shows the label "Marie Chouinard" and the description "Canadian dancer and choreographer". The "French" row shows the label "Marie Chouinard" and the description "danseuse et chorégraphe canadienne".

Below the table, there are sections for "Statements" and "Identifiers". The "Statements" section shows a list of statements, including "official website" (https://www.mariechouinard.com/) and "described by source" (UbuWeb). The "Identifiers" section shows the VIAF ID (106700751).

Red arrows point to the following elements:

- The "edit" button next to the "official website" statement.
- The "+ add value" button below the "official website" statement.
- The "+ add statement" button at the bottom of the page.

Links and references

1. **Collection 1.of video tutorials and teaching materials** on Wikidata, developed by CAPACOA and the CQT since 2021 : [workshop tutorials CAPACOA/CQT 2020-2021](#)
2. **Dedicated tutorial space for that content:**
3. To know and track **the evolution of the needed statements** for the artists and the performing arts community as a whole: [Wikiproject Performing arts](#)
4. **Wikidata's help portal** : [Help:Contents – Wikidata](#)

Wikidata 2021-2022 workshop series: [schedule and registration 2021-2022](#)

Acknowledgements

Project partners



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CANADIAN ASSOCIATION
FOR THE PERFORMING ARTS
ASSOCIATION CANADIENNE
DES ORGANISMES ARTISTIQUES



Funding partners



Conseil des arts
du Canada

Canada Council
for the Arts

Canada