

How to... Wikibase

Training material for Wikibase

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Welcome!

This is a set of training and educational material about how to get started with Wikibase. Here you will find descriptions and examples about how to create an instance, how to create items and properties, how to model and import data and more :)



Contents:

1. [Introduction to Wikibase \(and\) Data Modelling](#)
2. [Creating a Wikibase Instance \(Wikibase Cloud\)](#)
3. [How to create Items \(Q's\) and Properties \(P's\) in your wikibase instance](#)
4. [Making statements](#)
5. [Importing Data \(Quickstatements\)](#)

1. Introduction to Wikibase (and) Data Modelling



Wikibase is free software that stores and organizes information that can be collaboratively edited and read by humans and by computers, translated into multiple languages and shared with the rest of the world as part of the Linked Open Data (LOD) web



Wikibase software

- You can **create** and **manage** your own linked open **knowledge base**
- Its flexibility allows you to build your own **data model** to suit your needs
- The MediaWiki interface means that you can easily **access** and **update** data
- You can interact with your data using **SPARQL**, the powerful query language



Further reading:

- [Wikibase Essentials](#)
- [What is Wikibase and who's using it?](#)

Data Modeling

Maya Angelou

(Q19526)

Item identifier
(Q item)

American poet and author (1928-2014)

Marguerite Annie Johnson | Marguerite Johnson | Marguerite Ann Johnson | Marguerite Anne Johnson

► In more languages

Statements

instance of

human

Value

edit

► 1 reference

+ add v

Property

Triple structure:
Subject (Item)
Predicate (Property)
Object (Value)

The essentials of Wikibase Data Modelling

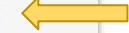
- **Items (Q followed by a number)**
 - An item is a uniquely identified entity representing a concept, object, or topic, described using structured data with labels, descriptions, aliases and statements.
- **Properties (P followed by a number)**
 - A property in a Wikibase instance is a structured data element that defines a specific type of relationship or attribute used to describe items through statements.
 - Properties can accept various [data types](#)
- **Statements**
 - A statement is a structured assertion about an item, consisting of a property and a value (or values), used to describe the item's characteristics or relationships. Additionally, a statement may include qualifiers as well as references for the assertion made.

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Tools

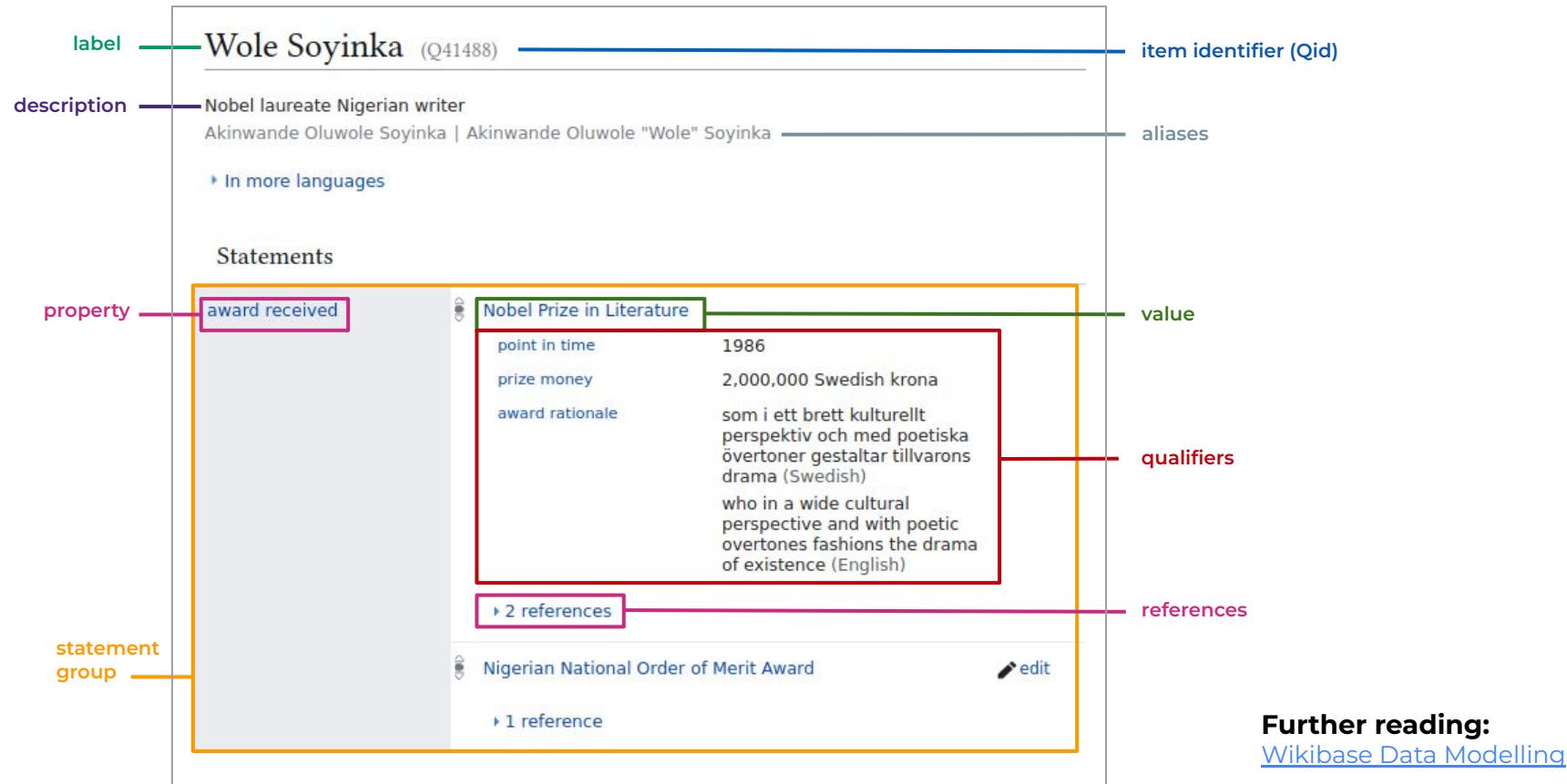
[What links here](#)
[Related changes](#)
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Wikibase

[New Item](#) 
[New Property](#) 
[New Schema](#)
[All Properties](#)
[Query Service](#)
[Cradle](#)
[QuickStatements](#)

In other languages

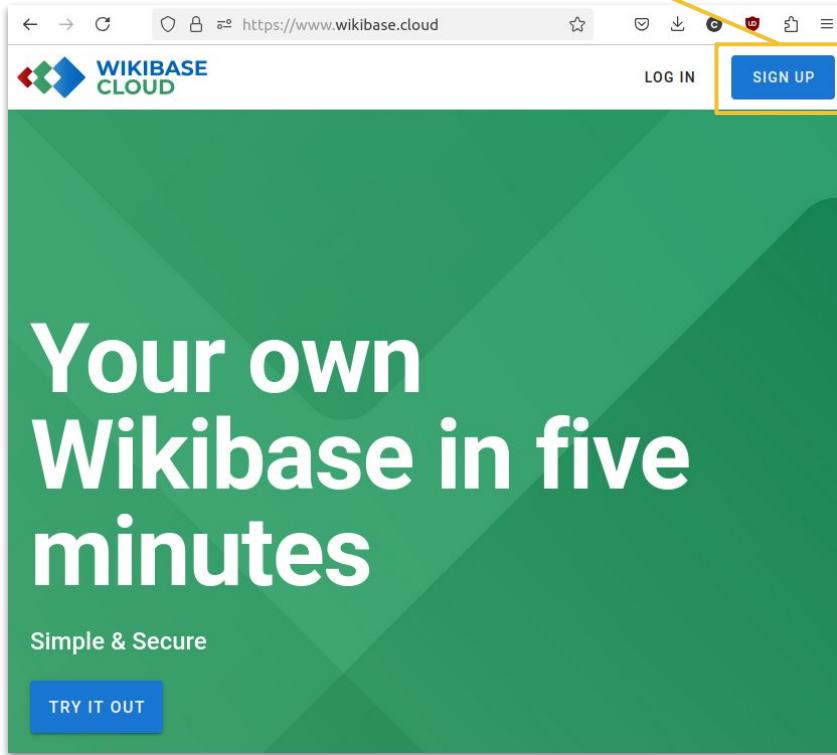
 [Add links](#)



2. Creating a Wikibase Instance [Wikibase Cloud]



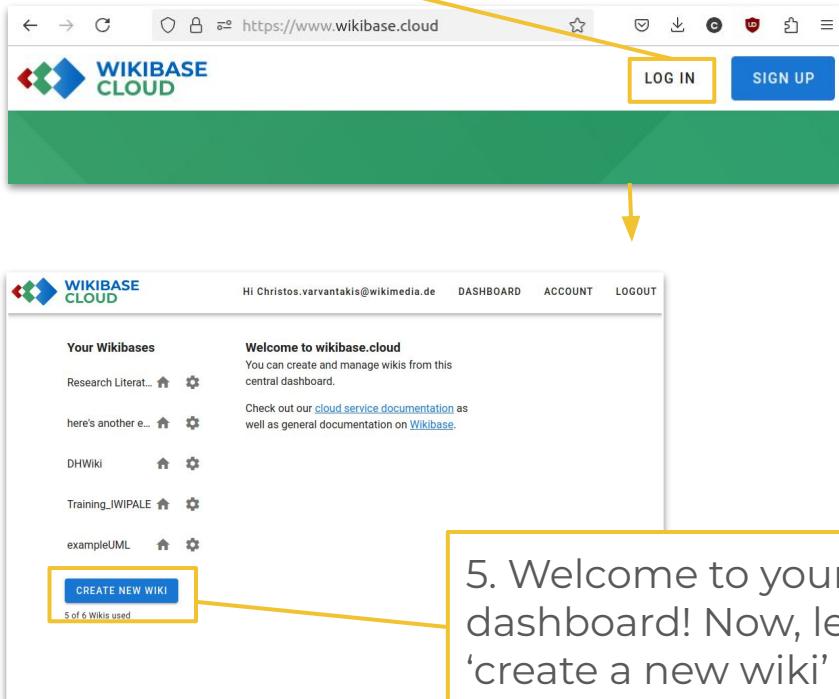
1. Visit [wikibase.cloud](https://www.wikibase.cloud) and click 'sign up'

A screenshot of the Wikibase Cloud sign-up form. It features a blue header with the "WIKIBASE CLOUD" logo and "SIGN UP" button. The form has fields for "Email address", "Password", and "Confirm Password", each with a corresponding icon. There is a checkbox for "I agree to the Terms of Use" with a link to "Terms of Use". Below the form, a note states: "This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply." At the bottom are "CREATE ACCOUNT" and "LOG IN" buttons, and a link for "Already have an account?".

2. Fill in the form

3. Check your email and confirm your address

4. Visit again [wikibase.cloud](https://www.wikibase.cloud) but this time, login :)



A screenshot of a web browser showing the Wikibase Cloud login page. The URL in the address bar is <https://www.wikibase.cloud>. The page features a green header with the Wikibase Cloud logo. Below the header, there are two buttons: 'LOG IN' (highlighted with a yellow box and arrow) and 'SIGN UP'. The main content area has a green background and displays a welcome message: 'Welcome to wikibase.cloud. You can create and manage wikis from this central dashboard. Check out our [cloud service documentation](#) as well as general documentation on [Wikibase](#)'. On the left, there's a sidebar titled 'Your Wikibases' with a list of existing wikis: 'Research Literat...', 'here's another e...', 'DHWiki', 'Training_IWIPALE', and 'exampleUML'. Each item has a small icon and a gear icon. At the bottom of the sidebar is a blue button labeled 'CREATE NEW WIKI' (also highlighted with a yellow box and arrow). Above the sidebar, the user is greeted with 'Hi Christos.varvantakis@wikimedia.de' and links for 'DASHBOARD', 'ACCOUNT', and 'LOGOUT'.

5. Welcome to your dashboard! Now, let's 'create a new wiki'

Create a wiki

Site name i

e.g., Goat Collective

Site domain i

Free Subdomain Custom Domain

e.g., goat-collective

.wikibase.cloud

Your user i

e.g., Addshore

Terms of use

I agree to the [Terms of Use](#).

CREATE WIKI

A name for your wikibase instance

A free subdomain will include .wikibase.cloud in the domain. You cannot reuse a wikibase cloud domain.

Your Username for this particular wiki

Read carefully, and if you agree, tick the box.

And, off you go!

Hi Christos.varvantakis@wikimedia.de DASHBOARD ACCOUNT LOGOUT

WIKI SETTINGS FEATURES

Details
Please check your emails for your log in details.
Status: Published
Site: [https://wikibase.cloud](#)
Domain: [https://wikibasebase.wikibase.cloud](#)
Date: [2020-06-09 14:00:00 UTC](#)
Database Version: mw1.39-wbs1

Set Skin
Skin: Vector
The default skin is Vector.
SET SKIN

Set Logo
Logo: Upload a square PNG logo that is at least 135x135 pixels.
SET LOGO

Additional Spam Protection
QuestyCaptcha offers an extra layer of protection against spam

Registration Options
Disable direct account creation and require the approval of new accounts by a site administrator.
This is powered by the [ConfirmAccount](#) extension.
 Accounts must be requested

Wikibase Options
Value lengths
Longer than default lengths (which are used on Wikidata) is generally untested and might have some unexpected outcomes.
The default values for both of these fields is 400 characters. The maximum you can set here is 2500.
String: 400
Monolingual text: 400
Multilingual (term) lengths
Longer than default lengths (which are used on Wikidata) is generally untested and might have some unexpected outcomes.
The default values for this field is 250 characters. The maximum you can set here is 2500.

6. Once you clicked 'Create Wiki' you will be taken to the settings page for your wiki. Here, you're still on the 'wikibase.cloud' website, in the dashboard section of your account.

7. That's the domain of your wikibase instance. The link will get you to your wiki.



Main Page Discussion Read More Search here's

Main Page

Welcome to Wikibase Cloud!
This is your main page. For the start we have assembled some information for you that we think might be useful. This page is supposed to work for you. Feel free to change

Main page Recent changes Random page Help about MediaWiki

8. Check your email (the one you used at step 2). You should have received an email from your newly created wikibase instance. Use your Username (see step 5) and the temporary password provided in the email to create your password and to log in in your wiki :)

3. How to create Items (Q's) and Properties (P's) in your wikibase instance



Wikibase Cloud logo

Main Page | Discussion | Read | Edit

Main Page

Welcome to Wikibase Cloud!

This is your main page. For the start, it's just a blank page. It will be useful. This page is supposed to be useful. You can always copy its content. We'd also be happy to hear if this page is useful. You can always contact us via the contact form. Thanks!

Where to start

[edit | edit source]

Have a look at some possible first steps.

What do I need to know about Wikibase?

Wikibase ecosystem

There are many Wikibases in the ecosystem. Our partners, volunteer developers and tool developers in this ecosystem, we imagine that one day we will be able to connect them all and back to Wikidata.

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Remember: you must be logged in to edit!

Create a new Item

Make sure to [check if the item already exists!](#)

You should create a [label](#) and a [description](#) for all new items.

By clicking "Create", you agree to the [terms of use](#).

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

The language code used to define the item's label, description, and aliases, ensuring multilingual support within the knowledge base.

the primary name of the item in a specific language, used to identify and display the item in searches and interfaces

short explanatory text that provides context about an item, helping to distinguish it from other items with similar labels

alternative names or synonyms for the item in a specific language, helping improve searchability by allowing users to find the item using different terms.

What is an item?

An item in a Wikibase instance is a uniquely identified entity representing a concept, object, or topic, described using structured data with labels, descriptions, and statements.



Main Page

Welcome to Wikibase Cloud

This is your main page. For the start, this page is not very useful. This page is supposed to work. You can always copy its content to another page. We'd also be happy to hear if this page is useful. You can contact us via the [contact form](#). Thanks!

Where to start

[\[edit\]](#) [\[edit source\]](#)

Have a look at some possible first steps:

What do I need to know about Wikibase?

Wikibase ecosystem

[\[edit\]](#) [\[edit source\]](#)

There are many Wikibases in the ecosystem. Partners, volunteers, developers and tools in this ecosystem, we imagine that one day we will be back to Wikidata.

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QuickStatements

What is a property?

A property in a Wikibase instance is a structured data element that defines a specific type of relationship or attribute used to describe items through statements.

Create a new Property

Language:

en

Label:

enter a label in English

Description:

enter a description in English

Aliases, pipe-separated:

enter some aliases in English

Data type:

(pick a data type)

Create

the language code used to define the property's label, description, and aliases to support multilingual usage.

the primary name of the property in a specific language, used to identify and display the item in searches and interfaces

short explanatory text that provides context about the property, helping to distinguish it from other items with similar labels

alternative names or synonyms for the property in a specific language, helping improve searchability by allowing users to find the item using different terms.

data type defines the kind of values a property can have, such as string, quantity, item, URL, or date, determining how the property is used in statements. Read more about the available data types [here](#).

4. Making a statement



WIKIMEDIA
DEUTSCHLAND

Audre Lorde (Q2)

American writer, professor, philosopher, intersectional feminist, poet and civil rights activist

Audrey Geraldine Lorde

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Audre Lorde	American writer, professor, philosopher, intersectional feminist, poet and civil rights activist	Audrey Geraldine L...

Statements

[+ add statement](#)

What is a statement?

A statement is a structured assertion about an item, consisting of a property and a value (or values), used to describe the item's characteristics or relationships. Additionally, a statement may include qualifiers as well as references for the assertion made.

This is an example of an item in a Wikibase instance. Currently it has no statements. We can add one by clicking on '+ add statement'

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Audre Lorde	American writer, professor, philosopher, intersectional feminist, poet and civil rights activist	Audrey Geraldine Lorde

By clicking "save",
you agree to the
[terms of use](#).
I accept these
terms for my future
edits. Do not show
this message again.

Statements

Property

▼ 0 references

✓ save X cancel ?

+ add qualifier

Statements

yea

Year of birth

Year that the individual was born

✓ save X cancel ?

+ add qualifier

edits. Do not show
this message again.

First, add a property. Choose from the properties you have created in your database. You can start typing the name of the property or the P+number of the property and your property will appear.

Statements

Year of birth

1934

✓ save X cancel ?

will be displayed as:

1934

Precision: year

Calendar: Gregorian

set manually

set manually

Next, add a value for the property. In this example, the property accepts data types 'Point in time', which allows the entry of dates/ points in time in various formats.

You can add as many statements as you want. Additionally, for each statement you may add qualifiers and/or references. Those will be in the same format as statements, consisting of a Property from your knowledge base and a corresponding value (or values)

Statements

Year of birth  1934  edit  + add reference  + add value

Place of Birth  New York  save  cancel  + add qualifier

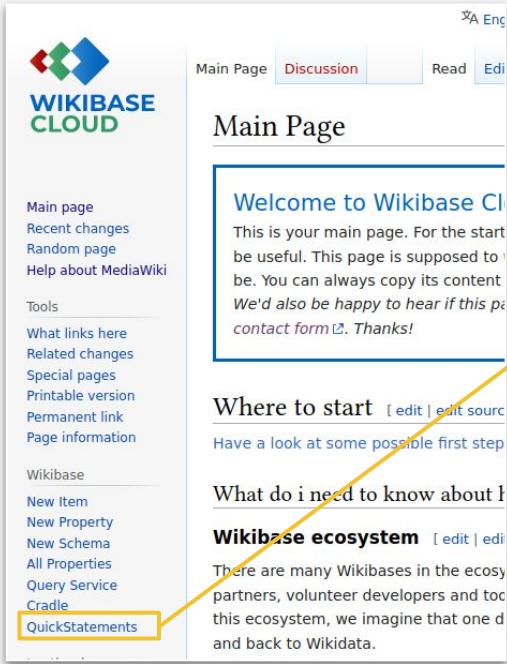
 1 reference  remove  + add  + add reference  + add statement

Wikipedia Entry	 https://en.wikipedia.org/wiki/Audre_Lorde	 remove
-----------------	---	--

Example of a reference. Here, we are using a property titled 'Wikipedia Entry', which accepts URLs as values.

5. Importing Data (Quickstatements)





Wikibase Cloud

Main Page Discussion Read Edit

Main Page

Welcome to Wikibase Cloud

This is your main page. For the start be useful. This page is supposed to be. You can always copy its content. We'd also be happy to hear if this page contact form. Thanks!

Where to start [edit] [edit source]

Have a look at some possible first steps

What do I need to know about Wikibase?

Wikibase ecosystem [edit] [edit source]

There are many Wikibases in the ecosystem partners, volunteer developers and tools. In this ecosystem, we imagine that one day back to Wikidata.

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Tools

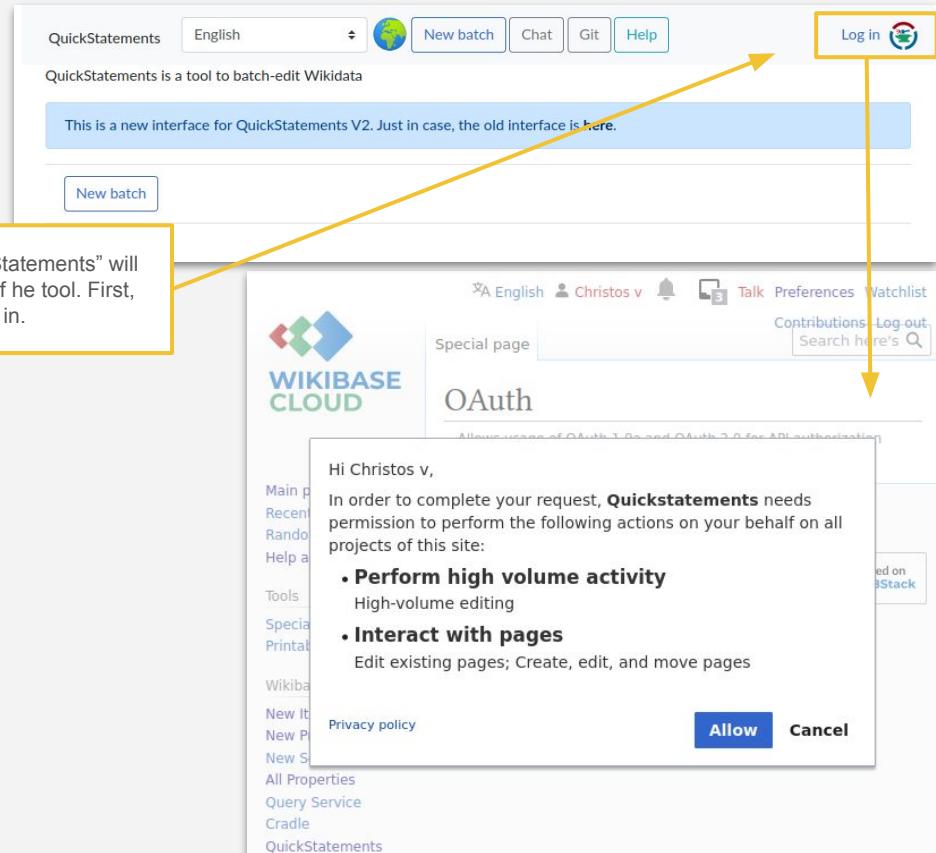
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Wikibase

New Item New Property New Schema All Properties Query Service Cradle QuickStatements

What is QuickStatements?

QuickStatements is a tool for batch editing in Wikibase, allowing users to create, modify, or delete items and statements efficiently using a simple command-based syntax.



QuickStatements English New batch Chat Git Help

QuickStatements is a tool to batch-edit Wikidata

This is a new interface for QuickStatements V2. Just in case, the old interface is [here](#).

New batch

Log in

Special page OAuth

Hi Christos v,

In order to complete your request, **Quickstatements** needs permission to perform the following actions on your behalf on all projects of this site:

- **Perform high volume activity**
- **Interact with pages**

High-volume editing

Edit existing pages; Create, edit, and move pages

Privacy policy Allow Cancel

By clicking 'Log in', and assuming that you were logged in in your wikibase instance, you'll be taken to an OAuth window. Click on allow and you'll return to the QuickStatements home screen, logged in and ready to edit. In the home screen, click on "New Batch"



Create new command batch for as

CREATE

```
LAST|Len|"Albertina Sisulu"
LAST|Aen|"Nontsikelelo Thethiwe"
LAST|Den|"South African anti-apartheid activist"
LAST|P2|+1918-00-00T00:00:00Z
LAST|P4|en:"South Africa"
```

We'll create a command batch to import a new item in our wikibase instance. In this example we want to create a new item with some statements.

```
LAST|Len|"Albertina Sisulu"
LAST|Aen|"Nontsikelelo Thethiwe"
LAST|Den|"South African anti-apartheid activist"
LAST|P2|+1918-00-00T00:00:00Z
LAST|P4|en:"South Africa"
```

[Len defines the label of the item and the language:]

[Aen will create an alias in english]

[Den will be the item description]

[Creates a statement for the item, setting a value (1918) for a property (P2: Year of birth)]

[Creates a statement, setting a value (South Africa) for a property (P4: Place of birth), english]

Once done with the command, click on the 'Import V1 commands'



Batch on by Christos v [Batches]

Status:

0% (0) of 1 done

1 init

CREATE Item

en:Albertina Sisulu
en:Nontsikelelo Thethiwe
en:South African anti-apartheid activist
Year of birth [P2]:1918
Place of Birth [P4]:en:"South Af

First Page 1 Last

Run

In the next screen you see the edits you are about to make. Click 'Run' to execute the command. Provided that there are no errors in the command, QuickStatements will create this item and statements in your Wikibase instance :)



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Wikibase

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All Properties
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In other languages

Add links

Item Discussion

Read

View history

Search here's another ex.

Albertina Sisulu (Q25)

South African anti-apartheid activist

Nontsikelelo Thethiwe

edit

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Albertina Sisulu	South African anti-apartheid activist	Nontsikelelo Thethiwe

Statements

Year of birth	1918	edit
	▼ 0 references	+ add reference
		+ add value

Place of Birth	South Africa (English)	edit
	▼ 0 references	+ add reference
		+ add value
+ add statement		

Further reading:[Help:QuickStatements](#)[From Spreadsheet to Wikidata](#)[Mass edits](#)

Thank you!



Dedicated community spaces

The Wikibase user community **continues to grow**. Whether to remain informed about our continued work with **Wikibase** or to **engage with other community members**, there are a number of avenues to connect with the community:

- [Wikibase Community User Group](#)
- [General user group Mailing list](#)
- [Wikibase.cloud mailing list](#)
- [Wikibase community Telegram channel](#)
- [Wikibase Cloud Telegram channel](#)
- [Wikibase Suite's contributing guide](#)
- [Monthly Live Sessions](#)
- [Wikibase stakeholder group](#)
- [DHWiki - A DARIAH-EU Working Group](#)
- (German - LOD) [WikiKult - Offene Kulturdaten](#)

Discover more wikibase instances and get inspired:

- [Wikibase.cloud discovery](#)
- [Wikibase World](#)

Explore presentations and training material and get in touch to discuss potential partnerships:

- [WMDE Data Partnerships Team](#)

Workshops: In collaboration with community members, we're organising onboarding workshops and training events. Get in touch if you're interested on hosting such events!

- In 2024: 6 Workshops with approx 120 participants



Support and Resources

Further, support resources are available on mediawiki.org, including detailed **documentation** on how to set up Wikibase using the **docker images** or **manually**. You can also find a useful **FAQ** there.

In the [DHWiki Wikibase](#), you can find a curated collection of scientific research about wikibase.

If you're looking for technical support, we maintain a space on [meta](#) where **third-party support providers** can list their services (for Wikibase Suite).





Reach out to us!

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swe_partnerships@wikimedia.de



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