

Two of my favourite Wikidata scripts

Annie Reynolds / Oronsay

- Identifier input
- More identifiers

Here's the Wikidata item I'm going to work on

The screenshot shows a web browser window with the Wikidata page for Meg Mason (Q115492369). The browser tabs include 'Meg Mason - Wikidata' and 'VIAF'. The address bar shows 'wikidata.org/wiki/Q115492369'. The Wikidata logo and search bar are at the top. The main content area displays the item name 'Meg Mason (Q115492369)...' with an ORES predicted quality of 'D (2)' and a 'Copy QID' button. Below the name are tabs for 'Item' and 'Discussion', and links for 'Read', 'View', 'View history', and 'Page'. The item is described as an 'Australian author' with an 'edit' link. A list of statements follows, each with an 'edit' link and a '0 references' indicator. The statements are: 'instance of human' (by Nat965), 'sex or gender female' (by Tagishimon), and 'occupation writer' (by Oronsay). Each statement has '+ add reference' and '+ add value' options.

Wikidata

Search Wikidata

Meg Mason (Q115492369)... ORES predicted quality: D (2) Copy QID

Item Discussion Read View View history ☆ Page

Australian author edit

Recoin: Most relevant properties which are absent

In more languages

Statements

instance of human ... edit

by Nat965

0 references

+ add reference

+ add value

sex or gender female ... edit

by Tagishimon

0 references

+ add reference

+ add value

occupation writer ... edit

by Oronsay

0 references

+ add reference

1. Identifier input script

- It can be hard to select the correct part of a URL to copy and paste into a Wikidata item as an external identifier
- Vera de Kok (User:1Veertje) made it easy if you deploy her javascript that does it for you

Script in action

Step 1

VIAF
Virtual International Authority File

Search

Select Field: Select Index: Search Terms:

VIAF: The Virtual International Authority File

The VIAF® (Virtual International Authority File) combines multiple name authority files into a single OCLC-hosted name authority service. The goal of the service is to lower the cost and increase the utility of library authority files by matching and linking widely-used authority files and making that information available on the Web. [Learn more](#).

VIAF Contributors

 [Library of Congress/NACO](#)

National Library of Mexico
British Library
Library and Archives Canada
National Agricultural Library (U.S.)
National Library of Medicine (U.S.)
National Library of New Zealand
National Library of Scotland
National Library of South Africa
National Library of Wales

 [National Library of Norway](#)
 [DBC \(Danish Bibliographic Center\)](#)
Danish Agency for Culture
 [National Diet Library, Japan](#)
 [NII \(Japan\)](#)
 [National Library Board, Singapore](#)
 [National Library of Latvia](#)
 [National Library of Poland](#)

Script in action

Step 2

VIAF
Virtual International Authority File

Search

Select Field: Select Index: Search Terms:

8 headings found for *Meg Mason*

	Heading	Type	Sample Title
1	Matsuda, Seiko, 1962-....  松田, 聖子, 1962-  松田, 聖子  Matsuda, Seiko  Kamachi, Noriko (Matsuda Seiko) 	Personal	Partners (Video) Aisuru hito ni Complete bible : Seiko Matsuda All Singles Collection Area 62
2	Mason, Meg.  מג מייסון, מ  Mason, Meg, 19..-.... 	Personal	Äng ja öndsus Sorrow and bliss Évidemmet Martha roman
3	Mason, M.  Mason, Meg 	Personal	Captivity and sufferings of Mrs. Mason.
4	Mason, Meg.. Sorrow and bliss 	Work	
5	Mason, Meg.. Sorrow and bliss German (Dinçer : 2021) 	Expression	
6	Mason, Meg.. Sorrow and bliss Swedish (Jacobsson : 2021) 	Expression	

Script in action

Step 3

The screenshot shows a web browser window with the URL `viaf.org/viaf/7875160667740603560007/#Mason,_Meg`. The page title is "VIAF Virtual International Authority File". Below the title is a search bar with the following fields:

- Select Field: All Headings
- Select Index: All VIAF
- Search Terms: Meg Mason
- Search button

Below the search bar, the search results for "Mason, Meg." are displayed. The results include:

- Mason, Meg. (with various national flags)
- מייסון, מג
- Mason, Meg, 19...-....
- VIAF ID: 7875160667740603560007 (Personal)
- Permalink: <http://viaf.org/viaf/7875160667740603560007>

Below the search results is a section titled "Preferred Forms" which lists various forms of the name "Mason, Meg." with their respective flags and codes:

- 200 _ | [ⵝⵏ ⵎⴰⵙⴰⵏ ⵝⵉ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)
- 100 1 _ [ⵝⵏ ⵎⴰⵙⴰⵏ ⵎⵉⵖ](#)

On the right side of the page, there is a circular diagram representing the VIAF network, with various national flags and logos arranged in a circle around a central point.

Script in action

Step 4

Meg Mason - Wikidata x *VI* 7875160667740603560007 x +

→ ↻ [viaf.org/viaf/7875160667740603560007/#Mason,_Meg.](https://viaf.org/viaf/7875160667740603560007/#Mason,_Meg)

W Imported From Fir... Imported From IE W Alerts (0) May be an image... St George The C

IAF

Virtual International Authority File

Search

Select Field:	Select Index:	Search Terms:
All Headings ▾	All VIAF ▾	Meg Mason

Mason, Meg.

מייסון, מג




Mason, Meg, 19..-....

VIAF ID: 7875160667740603560007 (Personal)
Permalink: <http://viaf.org/viaf/7875160667740603560007>

Preferred Forms

Script in action

Step 5

occupation   edit 

by [Oronsay](#)




writer ...

▼ 0 references

+ add reference

+ add value

VIAF ID


 publish  cancel 


+ add qualifier

▼ 0 references

+ add reference

+ add statement



Wikipedia (1 entry)  edit [\[move\]](#)

en [Meg Mason](#) by [Nat965](#) [\[ref\]](#) 

Script in action

Step 6

occupation
by Oronsay



writer ...  edit 

▼ 0 references

+ add reference

+ add value

VIAF ID

7875160667740603560  edit 

007

▼ 0 references

+ add reference

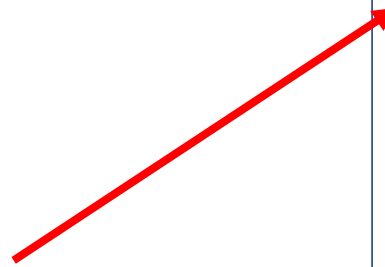
+ add value

2. More identifiers script

- This script was developed by User:Bargioni
- It adds any Identifiers missing on a Wikidata item from its VIAF Identifier

Script in action

Step 1



+ add statement

Add More Identifiers from VIAF (i) x

- VIAF cluster 7875160667740603560007**
- BIBSYS: [1615360581955](#) Mason, Meg. ⚡
- BNF: [18071648m](#) Mason, Meg. ⚡
- CAOONL: [ncf10616522](#) Mason, Meg. ⚡
- DBC: [87097962117028](#) Mason, Meg. ⚡
- DNB: [1233222279](#) Mason, Meg. ⚡
- ERRR: [a12237590](#) Mason, Meg. ⚡
- ISNI: [0000 0005 1095 6994](#) Mason, Meg. ⚡
- J9U: [987010859816505171](#) Mason, Meg. ⚡
- LC: [no2021021820](#) Mason, Meg. ⚡
- NKC: [xx0274929](#) Mason, Meg. ⚡
- NTA: [432620702](#) Mason, Meg. ⚡
- NUKAT: [n2022005167](#) Mason, Meg. ⚡
- PLWABN: [9812687598505606](#) Mason, Meg. ⚡
- RERO: [02-A029024676](#) Mason, Meg. ⚡
- SUDOC: [254683606](#) Mason, Meg, 19..-.... ⚡

Add checked identifiers

Identifiers

VIAF ID (i) x

by [Ornsay](#) 7875160667740603560007 edit

▼ 0 references + add reference

+ add value

Script in action

+ add statement

Step 2

Add More Identifiers from VIAF



VIAF cluster 7875160667740603560007

- BIBSYS: 1615360581955 Mason, Meg. ⚡
- BNF: 18071648m Mason, Meg. ⚡
- CAOONL: ncf10616522 Mason, Meg. ⚡
- DBC: 87097962117028 Mason, Meg. ⚡
- DNB: 1233222279 Mason, Meg. ⚡
- ERRR: a12237590 Mason, Meg. ⚡
- ISNI: 0000 0005 1095 6994 Mason, Meg. ⚡
- J9U: 987010859816505171 Mason, Meg. ⚡
- LC: no2021021820 Mason, Meg. ⚡
- NKC: xx0274929 Mason, Meg. ⚡
- NTA: 432620702 Mason, Meg. ⚡
- NUKAT: n2022005167 Mason, Meg. ⚡
- PLWABN: 9812687598505606 Mason, Meg. ⚡
- RERO: 02-A029024676 Mason, Meg. ⚡
- SUDOC: 254683606 Mason, Meg, 19..-.... ⚡

Add checked identifiers

Identifiers

VIAF ID



7875160667740603560007

edit

by Ornsay



Script in action

Step 3

+ add statement

Add More Identifiers from VIAF

- VIAF cluster 7875160667740603560007**
- BIBSYS: 1615360581955 Mason, Meg. ⚡
- BNF: 18071648m Mason, Meg. ⚡
- CAOONL: ncf10616522 Mason, Meg. ⚡
- DBC: 87097962117028 Mason, Meg. ⚡
- DNB: 1233222279 Mason, Meg. ⚡
- ERRR: a12237590 Mason, Meg. ⚡
- ISNI: 0000 0005 1095 6994 Mason, Meg. ⚡
- J9U: 987010859816505171 Mason, Meg. ⚡
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- NKC: xx0274929 Mason, Meg. ⚡
- NTA: 432620702 Mason, Meg. ⚡
- NUKAT: n2022005167 Mason, Meg. ⚡
- PLWABN: 9812687598505606 Mason, Meg. ⚡
- RERO: 02-A029024676 Mason, Meg. ⚡
- SUDOC: 254683606 Mason, Meg, 19..-..... ⚡





Add checked identifiers

6 of 15

- Added BIBSYS "1615360581955"
- Added BNF "18071648m"
- Added CAOONL "ncf10616522"
- Added DBC "87097962117028"
- Added DNB "1233222279"

Report of progress

Identifiers

VIAF ID  7875160667740603560007  edit  

by Oronsay

▼ 0 references

+ add reference

Script in action

Step 4

Add More Identifiers from VIAF

ⓘ ×


VIAF cluster 7875160667740603560007

- BIBSYS: 1615360581955 Mason, Meg. ⚡
- BNF: 18071648m Mason, Meg. ⚡
- CAOONL: ncf10616522 Mason, Meg. ⚡
- DBC: 87097962117028 Mason, Meg. ⚡
- DNB: 1233222279 Mason, Meg. ⚡
- ERRR: a12237590 Mason, Meg. ⚡
- ISNI: 0000 0005 1095 6994 Mason, Meg. ⚡
- J9U: 987010859816505171 Mason, Meg. ⚡
- LC: no2021021820 Mason, Meg. ⚡
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- NTA: 432620702 Mason, Meg. ⚡
- NUKAT: n2022005167 Mason, Meg. ⚡
- PLWABN: 9812687598505606 Mason, Meg. ⚡
- RERO: 02-A029024676 Mason, Meg. ⚡
- SUDOC: 254683606 Mason, Meg, 19..-.... ⚡

Add checked identifiers

Added BIBSYS
"1615360581955"
Added BNF "18071648m"
Added CAOONL
"ncf10616522"
Added DBC "87097962117028"
Added DNB "1233222279"
Added ERRR "a12237590"
Added ISNI "0000 0005 1095 6994"
Added J9U
"987010859816505171"
Added LC "no2021021820"
Added NKC "xx0274929"
Added NTA "432620702"
Added NUKAT "n2022005167"
Added PLWABN
"9812687598505606"
Added RERO "02-A029024676"
Added SUDOC "254683606"



Reload this page





After refreshing

Step 5



Identifiers


VIAF ID  


by [Ornsay](#) 7875160667740603560007 

▼ 0 references 



+ add value



ISNI  


by [Ornsay](#) 0000 0005 1095 6994 

▶ 1 reference 



+ add value



NORAF ID  


by [Ornsay](#) 1615360581955  

▶ 1 reference 



+ add value



Bibliothèque nationale de France ID  


by [Ornsay](#) 18071648m  

▶ 1 reference 

+ add value

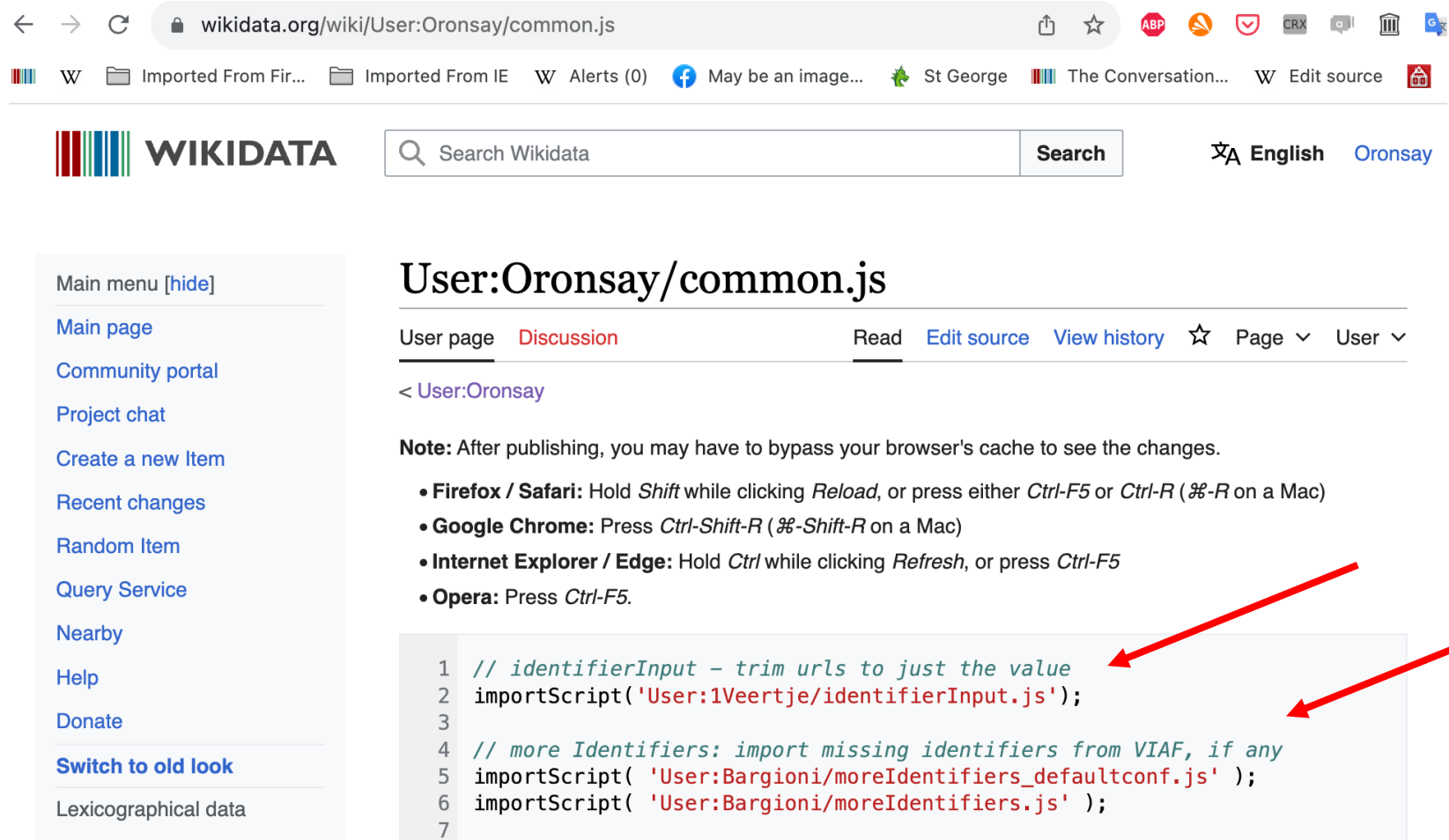
Canadiana Name Authority ID  

by [Ornsay](#) ncf10616522  










▶ 1 reference 





+ add value



Where to find the scripts



The screenshot shows a web browser window displaying the Wikidata user page for 'User:Oronsay/common.js'. The browser's address bar shows the URL 'wikidata.org/wiki/User:Oronsay/common.js'. The Wikidata logo and search bar are visible at the top. The page title is 'User:Oronsay/common.js'. Below the title, there are navigation links: 'User page', 'Discussion', 'Read', 'Edit source', 'View history', 'Page', and 'User'. A note is present: 'Note: After publishing, you may have to bypass your browser's cache to see the changes.' Below the note, there are instructions for different browsers: Firefox/Safari, Google Chrome, Internet Explorer/Edge, and Opera. At the bottom, there is a code block containing JavaScript code for handling identifiers. Two red arrows point to the 'User:1Veertje/identifierInput.js' and 'User:Bargioni/moreIdentifiers.js' paths in the code.

← → ↻ wikidata.org/wiki/User:Oronsay/common.js         

W Imported From Fir... Imported From IE W Alerts (0)  May be an image...  St George  The Conversation... W Edit source 

 **WIKIDATA**  English [Oronsay](#)




Main menu [\[hide\]](#)

- [Main page](#)
- [Community portal](#)
- [Project chat](#)
- [Create a new Item](#)
- [Recent changes](#)
- [Random Item](#)
- [Query Service](#)
- [Nearby](#)
- [Help](#)
- [Donate](#)

[Switch to old look](#)

[Lexicographical data](#)

User:Oronsay/common.js

[User page](#) [Discussion](#) [Read](#) [Edit source](#) [View history](#)  [Page](#)  [User](#) 

[< User:Oronsay](#)

Note: After publishing, you may have to bypass your browser's cache to see the changes.

- **Firefox / Safari:** Hold *Shift* while clicking *Reload*, or press either *Ctrl-F5* or *Ctrl-R* (*⌘-R* on a Mac)
- **Google Chrome:** Press *Ctrl-Shift-R* (*⌘-Shift-R* on a Mac)
- **Internet Explorer / Edge:** Hold *Ctrl* while clicking *Refresh*, or press *Ctrl-F5*
- **Opera:** Press *Ctrl-F5*.

```
1 // identifierInput - trim urls to just the value
2 importScript( 'User:1Veertje/identifierInput.js' );
3
4 // more Identifiers: import missing identifiers from VIAF, if any
5 importScript( 'User:Bargioni/moreIdentifiers_defaultconf.js' );
6 importScript( 'User:Bargioni/moreIdentifiers.js' );
7
```


Scripts – what to copy

User:Oronsay/common.js

User page **Discussion** [Read](#) [Edit source](#) [View history](#) ☆ Page ▾ User ▾

[< User:Oronsay](#)

Note: After publishing, you may have to bypass your browser's cache to see the changes.

- **Firefox / Safari:** Hold *Shift* while clicking *Reload*, or press either *Ctrl-F5* or *Ctrl-R* (*⌘-R* on a Mac)
- **Google Chrome:** Press *Ctrl-Shift-R* (*⌘-Shift-R* on a Mac)
- **Internet Explorer / Edge:** Hold *Ctrl* while clicking *Refresh*, or press *Ctrl-F5*
- **Opera:** Press *Ctrl-F5*.

```
1 // identifierInput – trim urls to just the value
2 importScript( 'User:1Veertje/identifierInput.js' );
3
4 // more Identifiers: import missing identifiers from VIAF, if any
5 importScript( 'User:Bargioni/moreIdentifiers_defaultconf.js' );
6 importScript( 'User:Bargioni/moreIdentifiers.js' );
7
```

Where to put the script

Substitute your User name

The screenshot shows a web browser window with the address bar containing the URL `wikidata.org/wiki/User:Oronsay/common.js`. A red box highlights the address bar, and a red arrow points from the text "Substitute your User name" to the "Oronsay" part of the URL. The browser's address bar also shows several icons, including a lock icon, a star icon, and several extension icons (ABP, CRX, etc.).

The page content includes a search bar with the text "Search Wikidata" and a "Search" button. The language is set to "English" and the user is "Oronsay". The main menu includes links for "Main page", "Community portal", "Project chat", "Create a new Item", "Recent changes", "Random Item", and "Query Service".

The page title is "User:Oronsay/common.js". The navigation bar includes links for "User page", "Discussion", "Read", "Edit source", "View history", "Page", and "User".

The page content includes a note: "Note: After publishing, you may have to bypass your browser's cache to see the changes." and a list of instructions for refreshing the page:

- **Firefox / Safari:** Hold *Shift* while clicking *Reload*, or press either *Ctrl-F5* or *Ctrl-R* (*⌘-R* on a Mac)
- **Google Chrome:** Press *Ctrl-Shift-R* (*⌘-Shift-R* on a Mac)
- **Internet Explorer / Edge:** Hold *Ctrl* while clicking *Refresh*, or press *Ctrl-F5*
- **Opera:** Press *Ctrl-F5*.

1. If your common.js page does not exist, you will need to create it
2. Click Edit source and then paste the code into a new line and publish changes
3. Refresh the page to activate the script

Thank you

- Talk to me during the breaks if you want help deploying the scripts
- Have fun using these two scripts to improve Wikidata items

Annie Reynolds

User:Oronsay