



WIKIMEDIA
'19 COOLEST
TOOLAWARD

Communication

Research and Design

MediaWiki Skins

MediaWiki Extensions

Mobile Apps

APIs

= application programming interfaces

Templates

Bots

MediaWiki Core

Desktop Apps

(Kiwix, Huggle)

Machine Learning

= artificial creation of knowledge based on experiences

Gadgets/User scripts

Tools

Cloud Services: Cloud infrastructure & services for developing tools & bots

Site Operations: Run and maintain the servers, 800+ Wikimedia Wikis

Translation: Software messages, help pages

Documentation: Code documentation, documentation onwiki

People behind the COOLEST TOOLS:

A community of developers, researchers, inventors, communicators, designers & translators



Participants of the
Women's Tech Storm
Hackathon
in Amsterdam 2018

It's time to celebrate this!

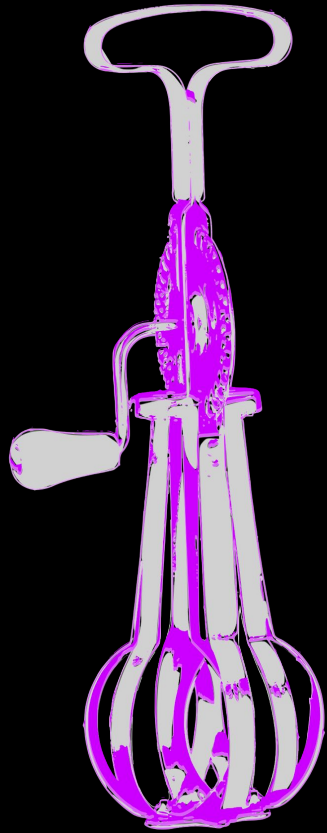


Selected with <3 by the Coolest Tool Academy 2019: Zack, TheDJ, Srishti, Ladsgroup, Brooke, Bodhishattwa, Birgit

[[m:Coolest_Tool_Award]]

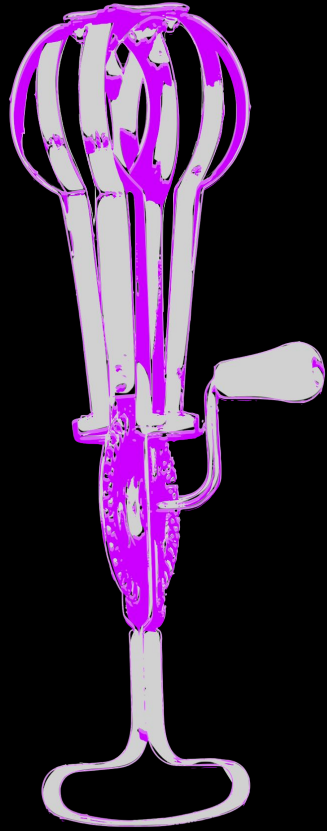
Q66363643

<music>



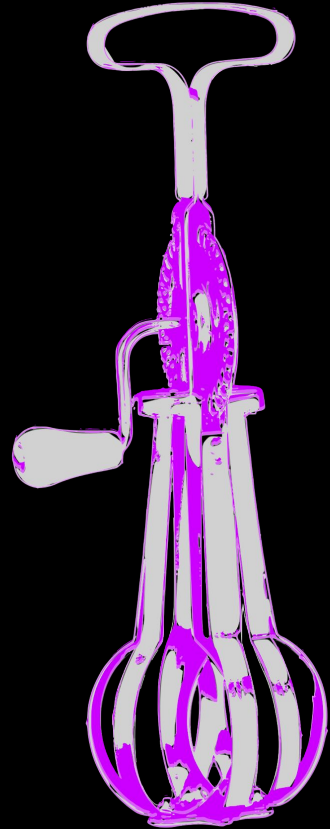
<Experience>

And the winner is

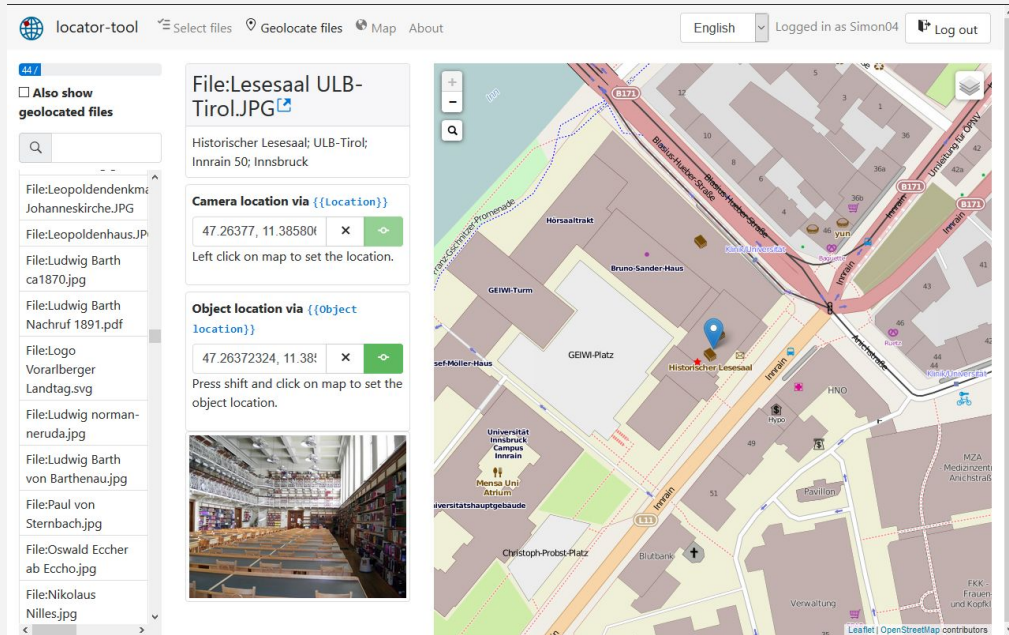


Locator-Tool

by Simon04



About Locator-Tool



The screenshot displays the Locator-Tool interface. At the top, there is a navigation bar with the tool name, a language dropdown set to 'English', and a user login 'Simon04'. Below this, a sidebar on the left lists various files, including 'File:Leopoldendenkmi Johanneskirche.JPG' and 'File:Leopoldenhau.JPG'. The main area is divided into three sections: 'File:Lesesaal ULB-Tirol.JPG' with a description 'Historischer Lesesaal; ULB-Tirol; Innrain 50; Innsbruck', 'Camera location via {{Location}}' with coordinates '47.26377, 11.38580', and 'Object location via {{Object location}}' with coordinates '47.26372324, 11.381'. A map of Innsbruck is shown on the right, with a blue location pin on the 'Historischer Lesesaal' and a red location pin on the 'Historischer Lesesaal'. A small thumbnail image of the interior of the reading room is visible below the object location section.

Locator tool helps geocoding existing images, i.e., to add camera or object location information to images on Wikimedia Commons.

Locator-tool guide step 07 by Simon Legener, cc by-SA 2.0,
https://commons.wikimedia.org/wiki/File:Locator-tool_guide_step_07.png

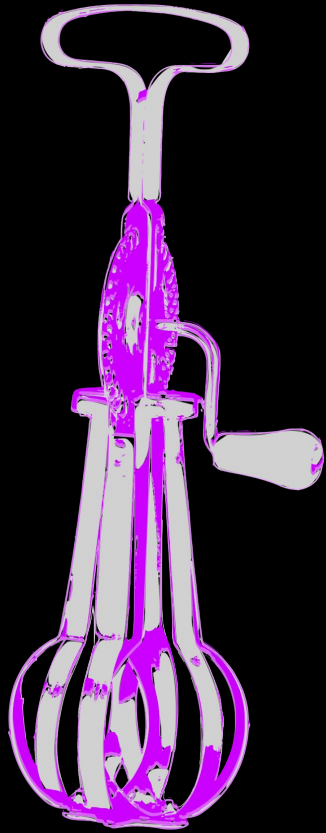
What makes this tool so cool

- Very intuitive and easy to use
- You can add coordinates to single files and select files from a category, files uploaded by a user, file lists
- Can be activated via [user preferences](#) on Wikimedia Commons or [used in Toolforge](#)
- Translated into many languages
- [Step-by-step tutorial](#) including screenshots is available
- Actively maintained, [code repository](#) is public and others can contribute
- About 120.000 locations have been added to Commons with Locator-tool (August 2019)

Showcase

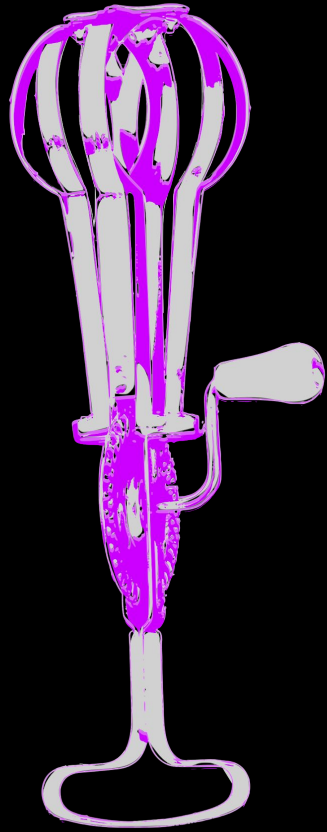
Awarding the Coolest Tool Award

<music>



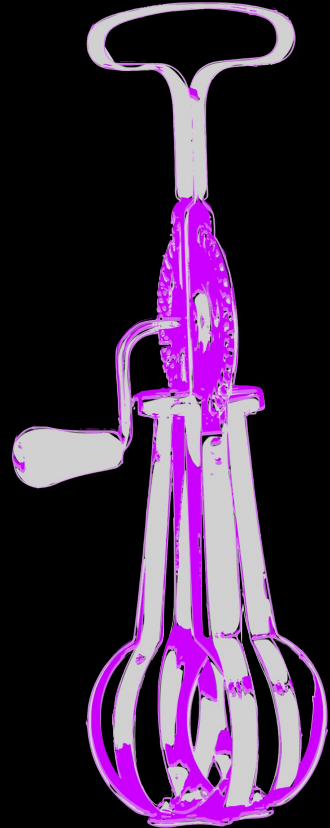
<Tiny>

And the winner is



HotCat

by Magnus Manske,
Dschwen, Lupo et al.



About HotCat

Metadata

This file contains additional information, probably added from the digital camera or scanner used to create or digitize it. If the file has been modified from its original state, some details may not fully reflect the modified image.

Camera manufacturer	Canon
Camera model	Canon PowerShot S3 IS
Exposure time	1/25 sec (0.04)
F Number	f/2.7
Date and time of data generation	17:21, 16 June 2007
Lens focal length	8 mm
Show extended details	



Categories: [Balloons \(-\) \(±\)](#) | [GFDL \(-\)](#) | [CC-BY-SA-2.5,2.0,1.0 \(-\)](#) | [Self-published work \(-\) \(±\)](#) |

Maps



OK

Cancel

[HotCat](#) adds links to the category bar to easily remove, change, or add categories. It can be activated via user preferences on many wikis.

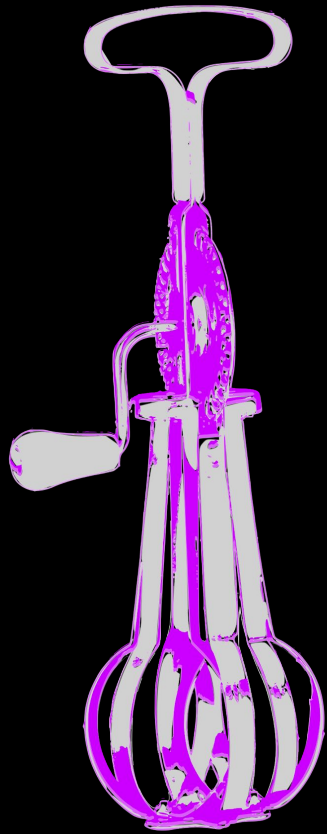
What makes this tool so cool

- Very easy, effective and quick to use
- Works on almost all the wikis
- Gadget with the highest number of users across wikis
- [Code is public](#), several people contributed

Showcase

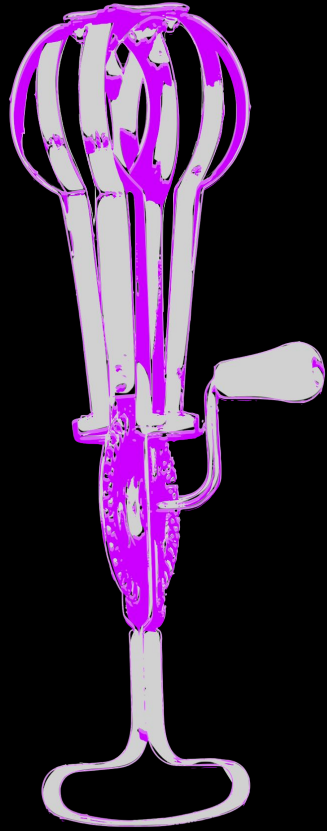
Awarding the Coolest Tool Award

<music>



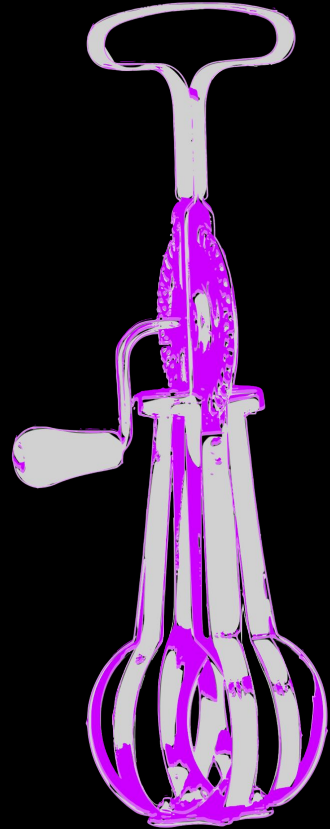
<Impact>

And the winner is

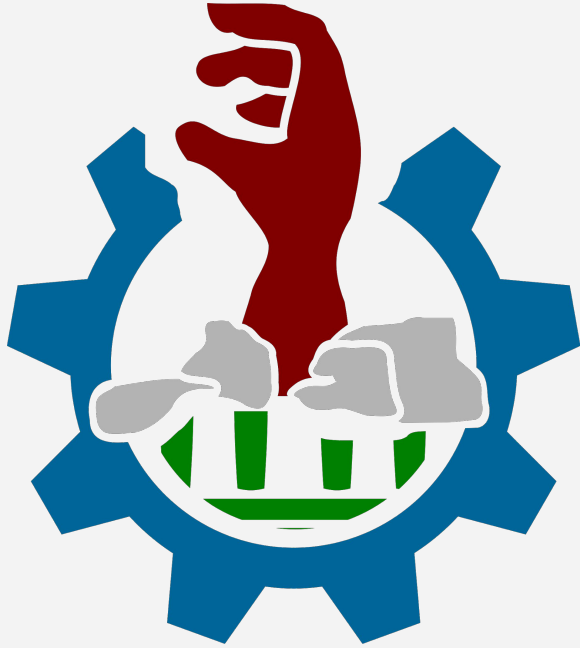


Internet ArchiveBot

by Cyberpower



About InternetArchiveBot



[InternetArchiveBot](#) finds dead links in references in Wikimedia projects and adds a link to an archived version on the [InternetArchive](#).

What makes this tool so cool

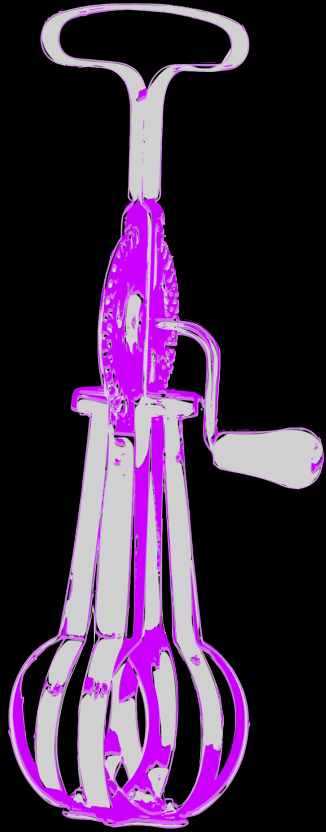
[InternetArchiveBot](#) automizes a job that would be incredible tiresome to do manually. It is a great example for how beneficial cross-organisational projects can be. It can be [configured](#) according to local wikis' needs and the [code base is public](#).

“More than 9 million links have now been saved in this way, keeping the encyclopedia reliable and preventing information from becoming unverifiable.”

Showcase

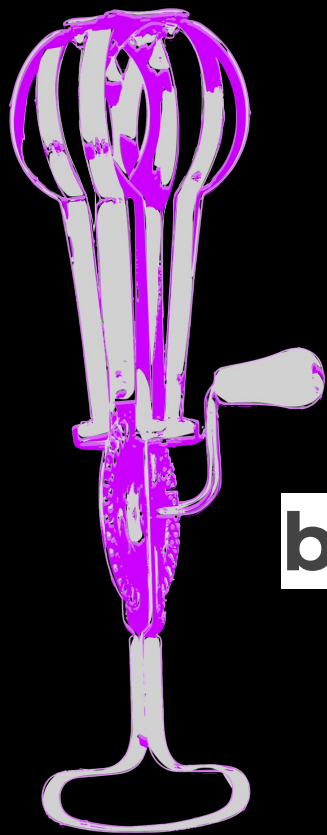
Awarding the Coolest Tool Award

<music>



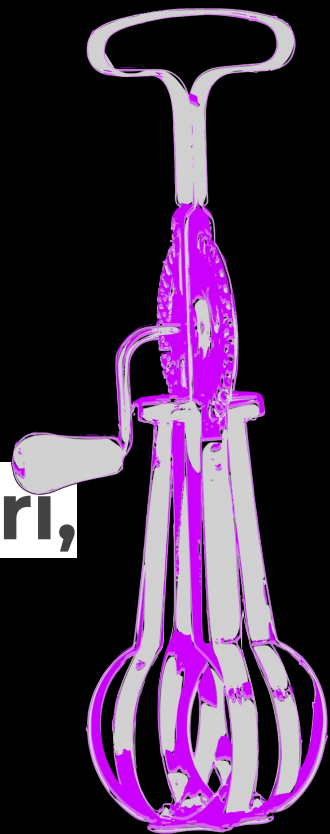
<Reusable>

And the winner is

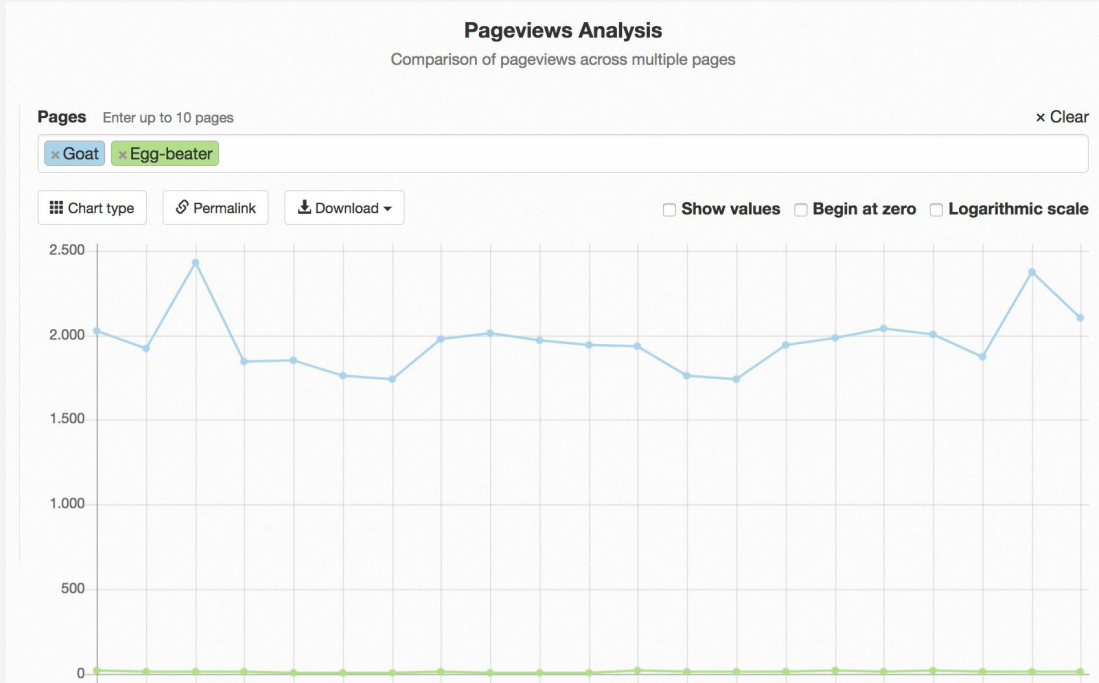


Pageviews

by MusicAnimal, Kaldari,
Marcel Ruiz Fornes



About Pageviews Analysis



[Pageviews Analysis](#) provides statistics about page views across languages, projects and platforms.

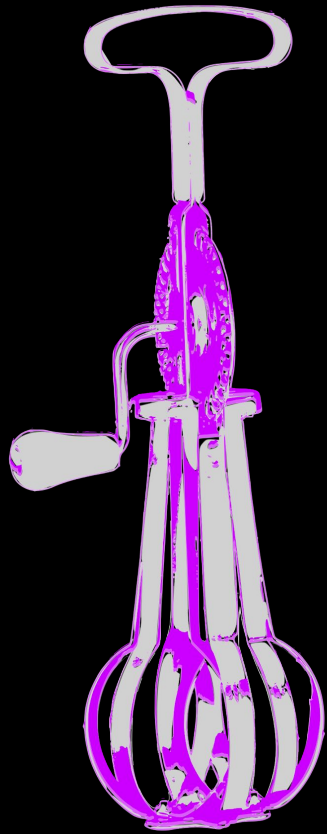
What makes this tool so cool

- Pageviews includes all wikis
- Intuitive and easy to use interface
- Translated into many languages
- It comes with a variety of options such as views of all pages in a category or views of all pages created by a user

Showcase

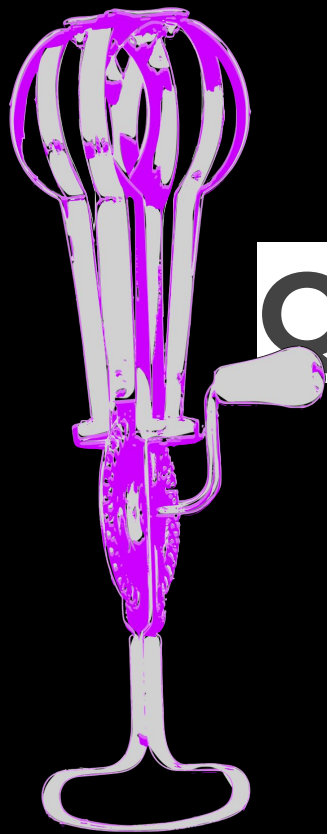
Awarding the Coolest Tool Award

<music>



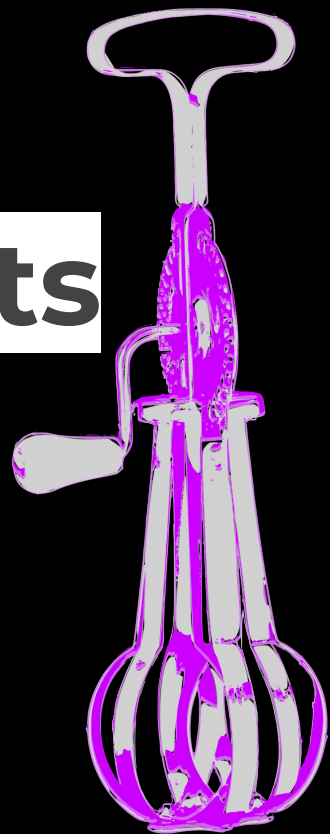
<Editor>

And the winner is



QuickStatements

by Magnus Manske



About QuickStatements



[QuickStatements](#) is a powerful editor for Wikidata. Statements, labels, descriptions and aliases can be added and removed by using simple text commands. More than 90 million edits on Wikidata have been made via QuickStatements.

Icon used on Commons by templates that upload to Wikidata using QuickStatements

What makes this tool so cool

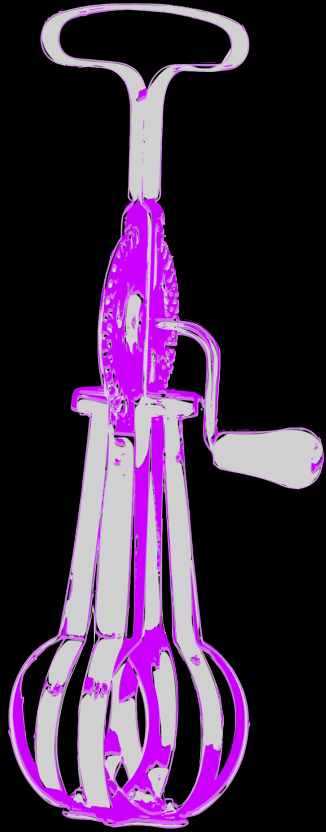
- Several input options: I.e. you can use the input window in QuickStatements directly or prepare statements in a spreadsheet or text editor.
- Batches of edits can be created semi-automatically, reviewed and submitted to Wikidata.
- Other tools such as OpenRefine or Wikidata Author Disambiguator make use of QuickStatements' power.

“It is one of the most useful and most-used Wikidata tools. [...] I can't imagine where Wikidata would be without it – sure, other editing tools would exist, but without QuickStatements' extreme flexibility many one-off jobs would be much more difficult.”

Showcase

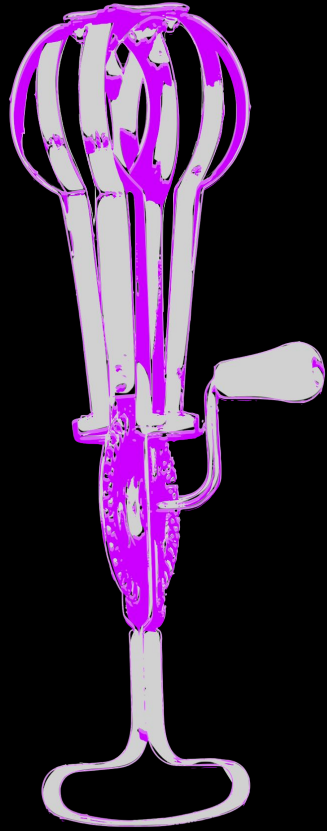
Awarding the Coolest Tool Award

<music>



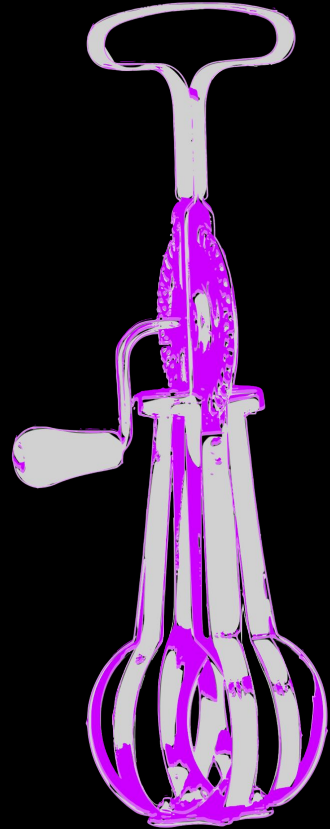
<Developer>

And the winner is



MediaWiki code search

by Legoktm



About MediaWiki code search

MediaWiki code search

[Everything](#) · [MediaWiki core](#) · [Extensions](#) · [Skins](#) · [Extensions & skins](#) · [MW tarball](#)
[Wikimedia deployed](#) · [Wikimedia Operations](#) · [OOUI](#) · [Milkshake](#) · [Pywikibot](#)

Search by Regexp



Advanced: ignore case, filter by path, stuff like that.

[MediaWiki code search](#) is powered by [hound](#).
[Source code](#) is available under the terms of the GPL v3 or any later version.

[MediaWiki code search](#) allows to search through source-code of Wikimedia-related software hosted in Gerrit.

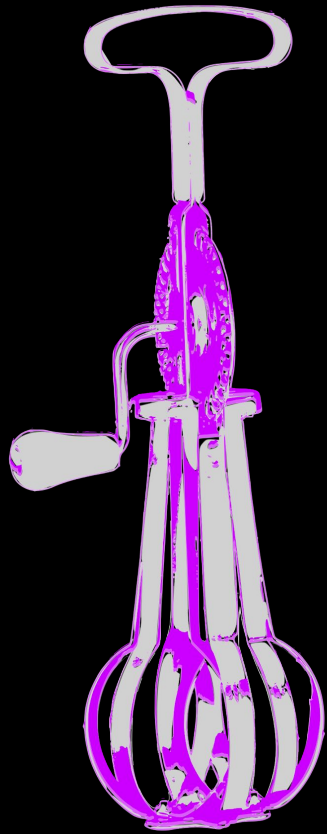
What's cool about this tool

- Easy to use
- Allows to see how changes might affect other source code repositories
- Helps developers to make sure they don't break anything unintentionally

Showcase

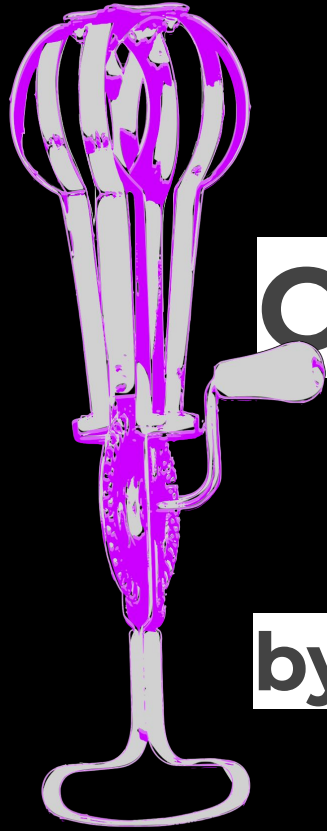
Awarding the Coolest Tool Award

<music>



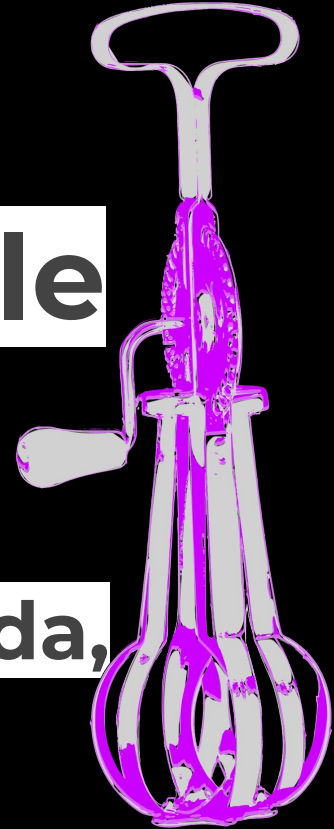
<Mobile>

And the winner is



Commons Mobile app

by Josephine, Yuvipanda,
Neslihan, Vivek et al



About Commons Mobile app



Mozzarella image uploaded via Commons Android app that is used on 102 articles.

[Commons Mobile app](#)
allows to upload
photos to Wikimedia
Commons directly
from your
smartphone.

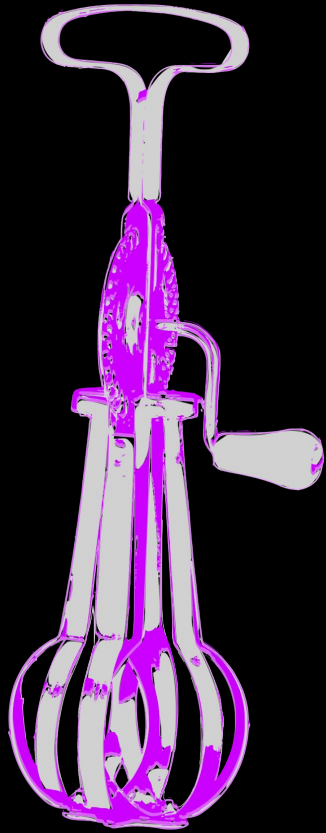
What's cool about this tool

- You can
 - upload and easy categorize your photos
 - view nearby missing images
 - view your contributions to Commons in a gallery
- More than 120455 files uploaded to Wikimedia Commons in the category “Uploaded with Mobile/Android”
- 170 people have contributed to the code

Showcase

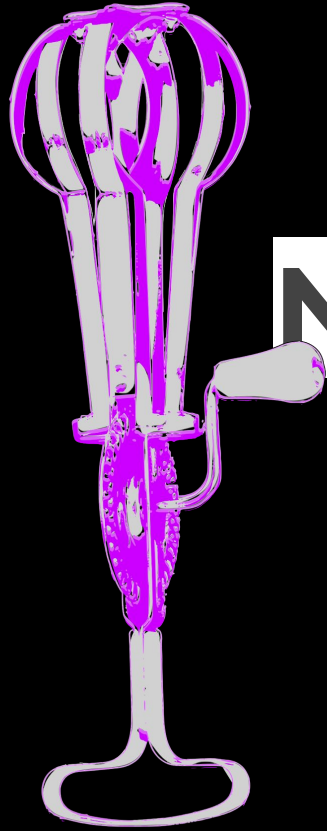
Awarding the Coolest Tool Award

<music>



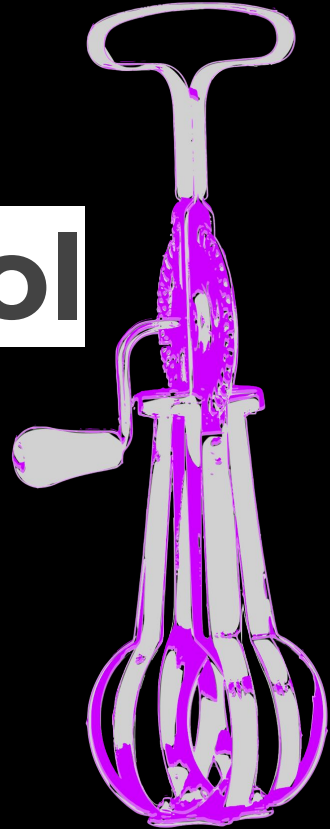
<Newcomer>

And the winner is

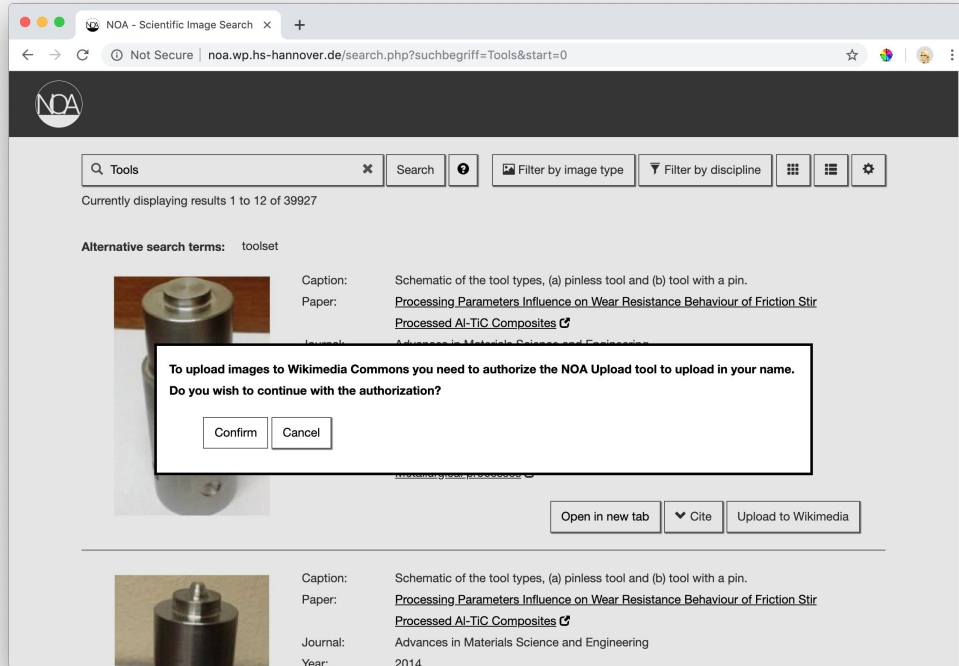


NOA Upload Tool

By HappeJ, Sohmen



About NOA upload tool



The screenshot shows a web browser window with the URL `noa.wp.hs-hannover.de/search.php?suchbegriff=Tools&start=0`. The page displays search results for the term "toolset". A search bar at the top contains "Tools" and "Search". Below the search bar, it says "Currently displaying results 1 to 12 of 39927".

Alternative search terms: toolset

The first search result is a schematic image of tool types. The caption reads: "Schematic of the tool types, (a) pinless tool and (b) tool with a pin." The paper title is "Processing Parameters Influence on Wear Resistance Behaviour of Friction Stir Processed Al-TiC Composites".

A dialog box is overlaid on the image, asking: "To upload images to Wikimedia Commons you need to authorize the NOA Upload tool to upload in your name. Do you wish to continue with the authorization?" with "Confirm" and "Cancel" buttons.

Below the dialog box, there are buttons for "Open in new tab", "Cite", and "Upload to Wikimedia".

The second search result is a photograph of a tool. The caption reads: "Schematic of the tool types, (a) pinless tool and (b) tool with a pin." The paper title is "Processing Parameters Influence on Wear Resistance Behaviour of Friction Stir Processed Al-TiC Composites". The journal is "Advances in Materials Science and Engineering" and the year is "2014".

[NOA upload tool](#)

allows fetching scientific images from open access articles and uploading the ones suitable for re-use to Wikimedia Commons.

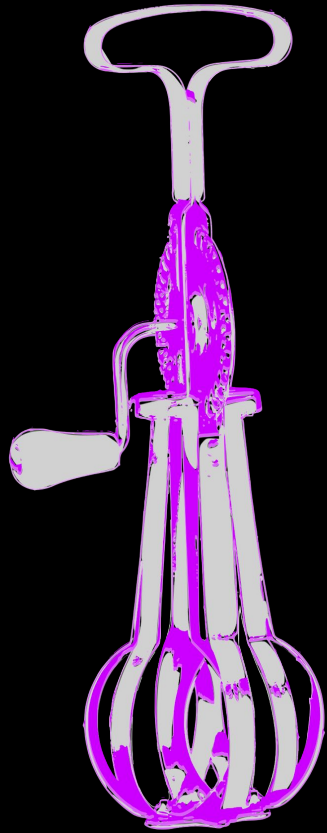
What's cool about this tool

- Combines open science, free images and Commons
- Very easy to use UX
- Does attribution correctly
- Has a random upload function

Showcase

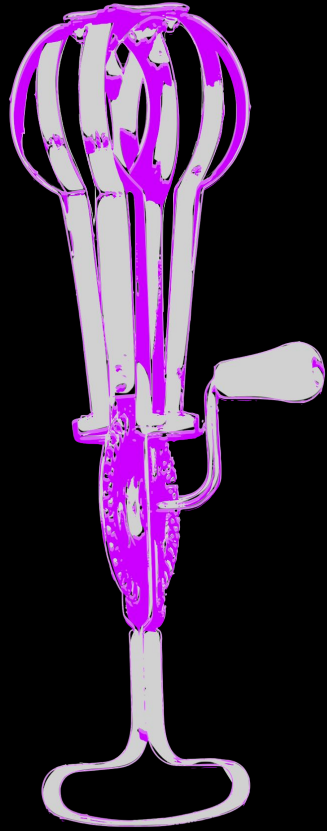
Awarding Coolest Tool Award

<music>



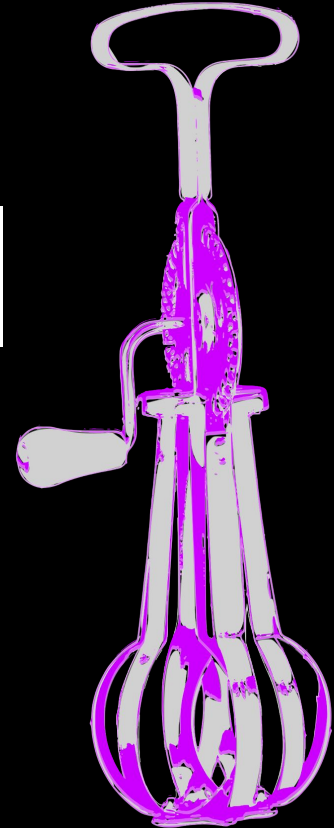
<Outreach>

And the winner is



Programs and Events Dashboard

By Sage et al



About Programs and Events Dashboard

Programs & Events Dashboard

W Log in with Wikipedia

W Sign up with Wikipedia



Miscellanea

1677	33198 ^①	298M	157K ^①	5.52B	1.77M	152K	284K ^①
Programs	Editors	Words Added	References Added	Article Views	Articles Edited	Articles Created	Commons Uploads

[Programs and Events Dashboard](#) helps to measure the impact of programs - for example to gain new editors - and is used by program and event organisers.

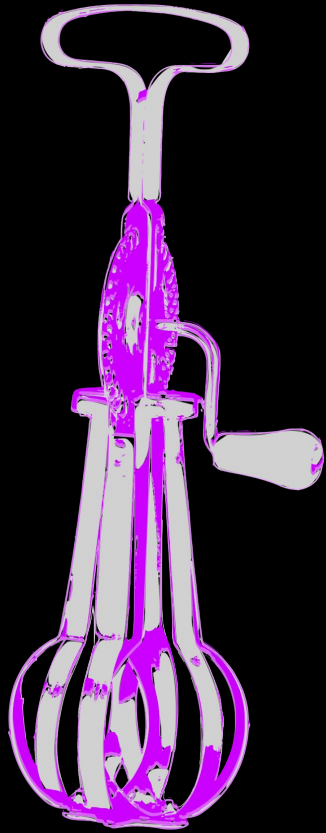
What's cool about this tool

- Allows creating and managing education programs around Wikimedia
- Tracks events metrics: articles created, edits made, files uploaded, page views, etc
- Engaged 100,000 students and editors in editing over a million articles since its launch in 2010

Showcase

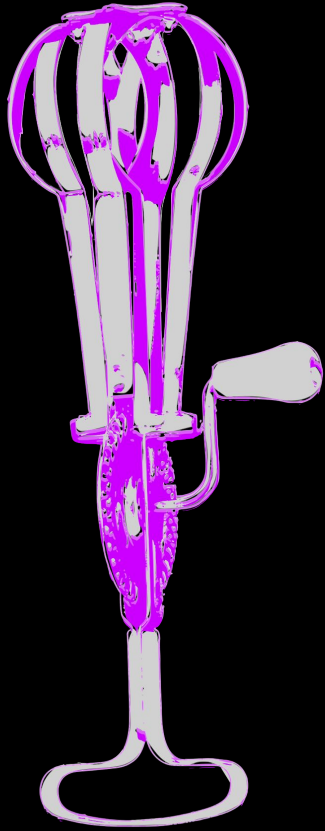
Awarding Coolest Tool Award

<music>



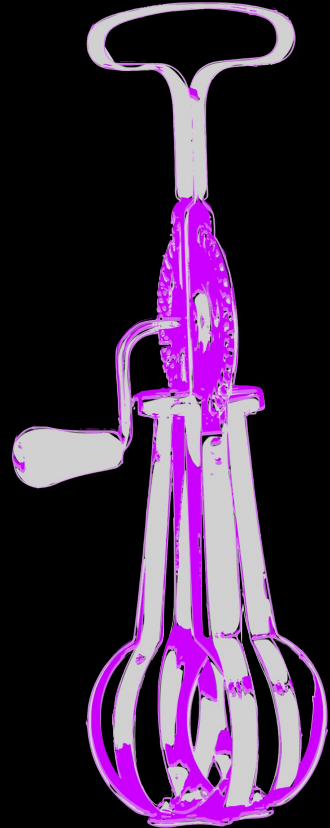
<Eggbeater>

And the winner is

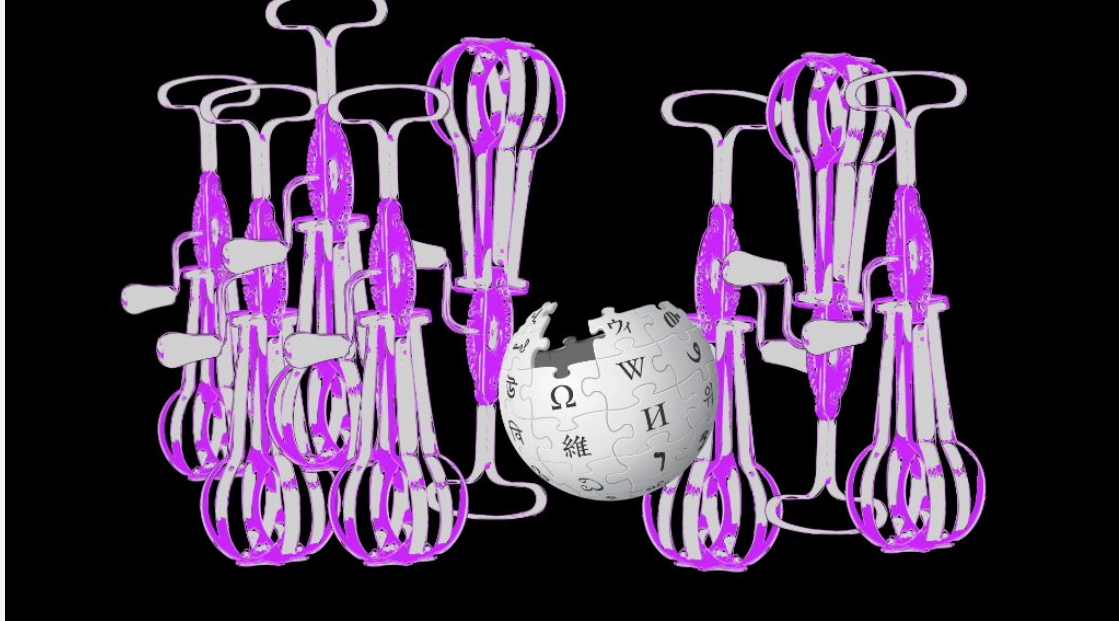


Twinkle

By AzaToth, loeth,
Amalthea, atlight,
MusikAnimal,
AmoryMeltzer



About Twinkle



Twinkle helps editors with Wikipedia maintenance tasks and helps to deal with acts of vandalism or unconstructive edits.

What's cool about this tool

- Makes many administrative tasks simpler
- Provides functionality for 40 000 wikignomes and admins
- Well maintained for 15 years
- Extensive help pages
- Many Wikipedians encounter the interactions of this tool

Showcase

Awarding Coolest Tool Award

<music>

WIKI



TOOL

Thanks to all tool developers. Thanks to all the people who took the time to nominate their favourite tools. Thanks to all of you: The users of tools.

**<group photo for the
pages of the awarded
projects>**



WIKIMEDIA
'19 COOLEST
TOOLAWARD

Credits

Coollest Tool Award 2019 square logo by Bryan Davis, PD,

https://commons.wikimedia.org/wiki/File:Coollest_Tool_Award_2019_square_logo.svg

Eggbeater stencil by Bryan Davis, PD,

https://commons.wikimedia.org/wiki/File:Eggbeater_stencil.svg

Locator-tool guide step 07 by Simon Legener, cc by-SA 2.0,

https://commons.wikimedia.org/wiki/File:Locator-tool_guide_step_07.png

Participants at Women Tech Storm by Michelle Born, cc by-SA 4.0,

https://commons.wikimedia.org/wiki/File:Participants_at_Women_Tech_Storm.gif

HotCat screenshot by Siebrand, cc by-SA 3.0,

<https://commons.wikimedia.org/wiki/File:HotCat.png>

IABot logo by Isarra, cc by-SA 4.0, https://commons.wikimedia.org/wiki/File:IABot_logo.svg

Credits

Commons to Wikidata QuickStatements by Perhelion, PD,
https://commons.wikimedia.org/wiki/File:Commons_to_Wikidata_QuickStatements.svg

Wiki love Tool stencil by Birgit Müller, cc by-SA 4.0

Mozarella di Bufala3 by Popo le Chien, cc by-sa 3.0,
https://commons.wikimedia.org/wiki/File:Mozzarella_di_bufala3.jpg

Wikipedia surrounded by egg-beaters by Birgit Müller, derivative work from
<https://en.wikipedia.org/wiki/File:Wikipedia-logo-v2.svg> (cc by-sa 3.0) and
https://commons.wikimedia.org/wiki/File:Eggbeater_stencil.svg (PD)

Coollest Tool Award 2019 poster by Bryan Davis, PD,
https://commons.wikimedia.org/wiki/File:Coollest_Tool_Award_2019_poster.svg

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2019

