<table>
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<tr>
<th>Communication</th>
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<td><strong>MediaWiki Skins</strong></td>
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<td><strong>MediaWiki Extensions</strong></td>
<td><strong>APIs</strong></td>
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<td><strong>= application programming interfaces</strong></td>
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<td><strong>Templates</strong></td>
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<td><strong>MediaWiki Core</strong></td>
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<td><strong>(Kiwix, Huggle)</strong></td>
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<td><strong>Machine Learning</strong></td>
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<td><strong>= artificial creation of knowledge based on experiences</strong></td>
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<td><strong>Gadgets/User scripts</strong></td>
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<td><strong>Tools</strong></td>
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**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, Bodhisattwa, Birgit

[[m:Coolest_Tool_Award]]

Q66363643
Experience
And the winner is
About Locator-Tool

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
<Tiny>
And the winner is
About HotCat

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
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>
<Reusuable>
And the winner is
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>
And the winner is
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.
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.”
Awarding the Coolest Tool Award
<music>
And the winner is
MediaWiki code search by Legoktm
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
Awarding the Coolest Tool Award
<music>
And the winner is
Commons Mobile app
by Josephine, Yuvipanda, Neslihan, Vivek et al
About Commons Mobile app

Commons Mobile app allows to upload photos to Wikimedia Commons directly from your smartphone.

Mozzarella image uploaded via Commons Android app that is used on 102 articles.
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
Awarding the Coolest Tool Award
<music>
And the winner is
NOA Upload Tool
By HappeJ, Sohmen
About NOA upload tool

**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 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, Ioeth, 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 andadmins
- Well maintained for 15 years
- Extensive help pages
- Many Wikipedians encounter the interactions of this tool
Awarding Coolest Tool Award
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>
Credits

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