

# How to hack on Wikipedia



# Wiki Media Wiki



WIKIPEDIA  
The Free Encyclopedia

WIKIMEDIA

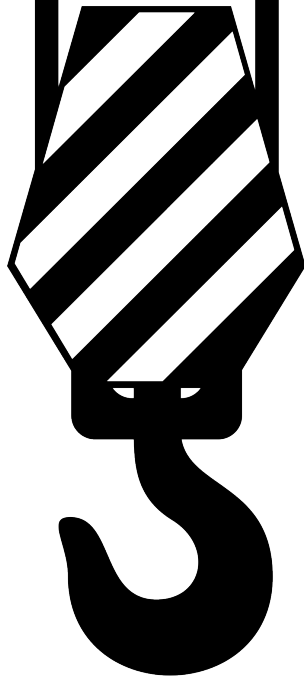
MEDIAWIKI

wikiHow  
wikia

SMW  
Semantic MediaWiki

+ 1000s

# API



Wikipedia  
in your app!

Reuse, remix &  
contribute data

18M articles  
15M media files  
1.3T free & alive

# Test



Hard but hearty

New features i.e.  
VisualEditor

Browser test  
automation

Bug Squad  
4k open bugs

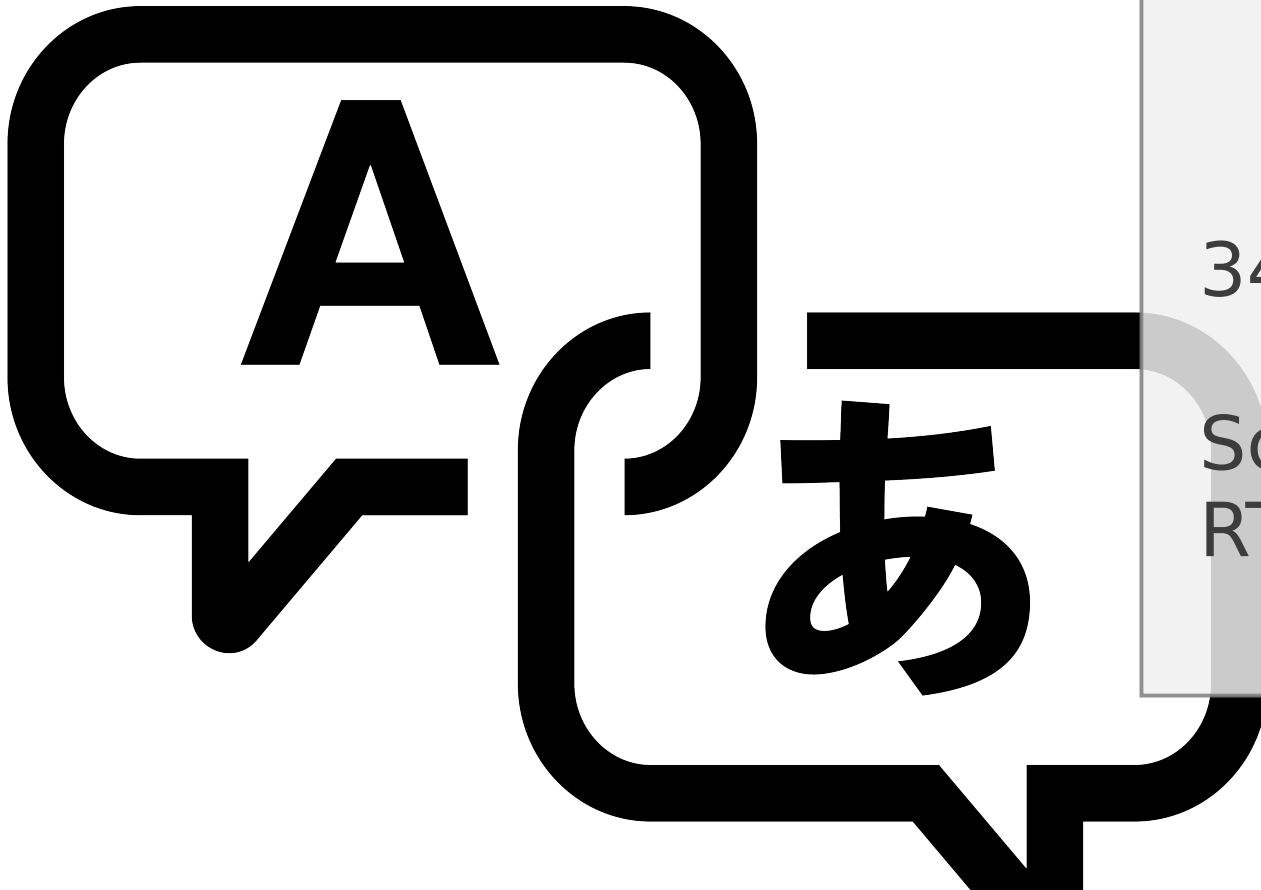
# Translate

The wiki way  
[translatewiki.net](https://translatewiki.net)



347 languages!

Scripts, input,  
RTL, grammar...



# Design

Start small

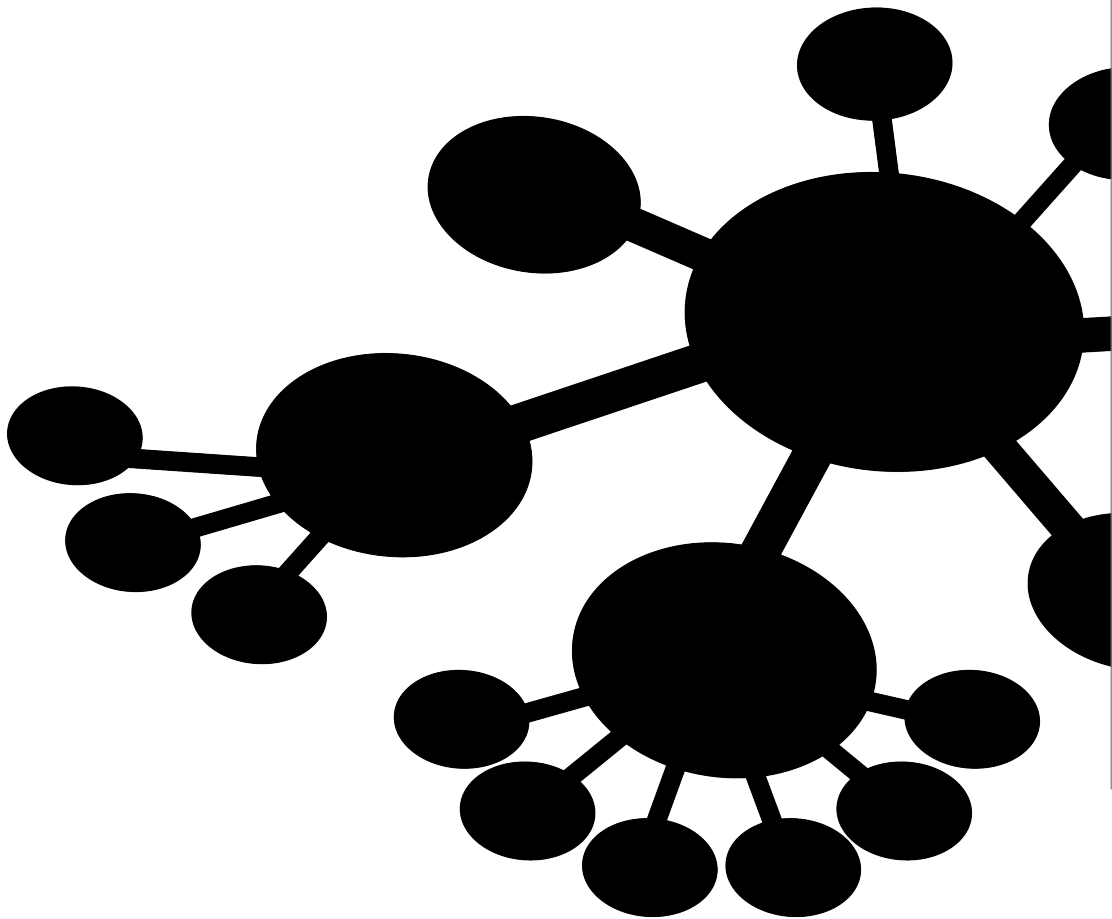
UX - not just art

MediaWiki first

Wikipedia last

Work with devs

# Sysadmin



World class infra

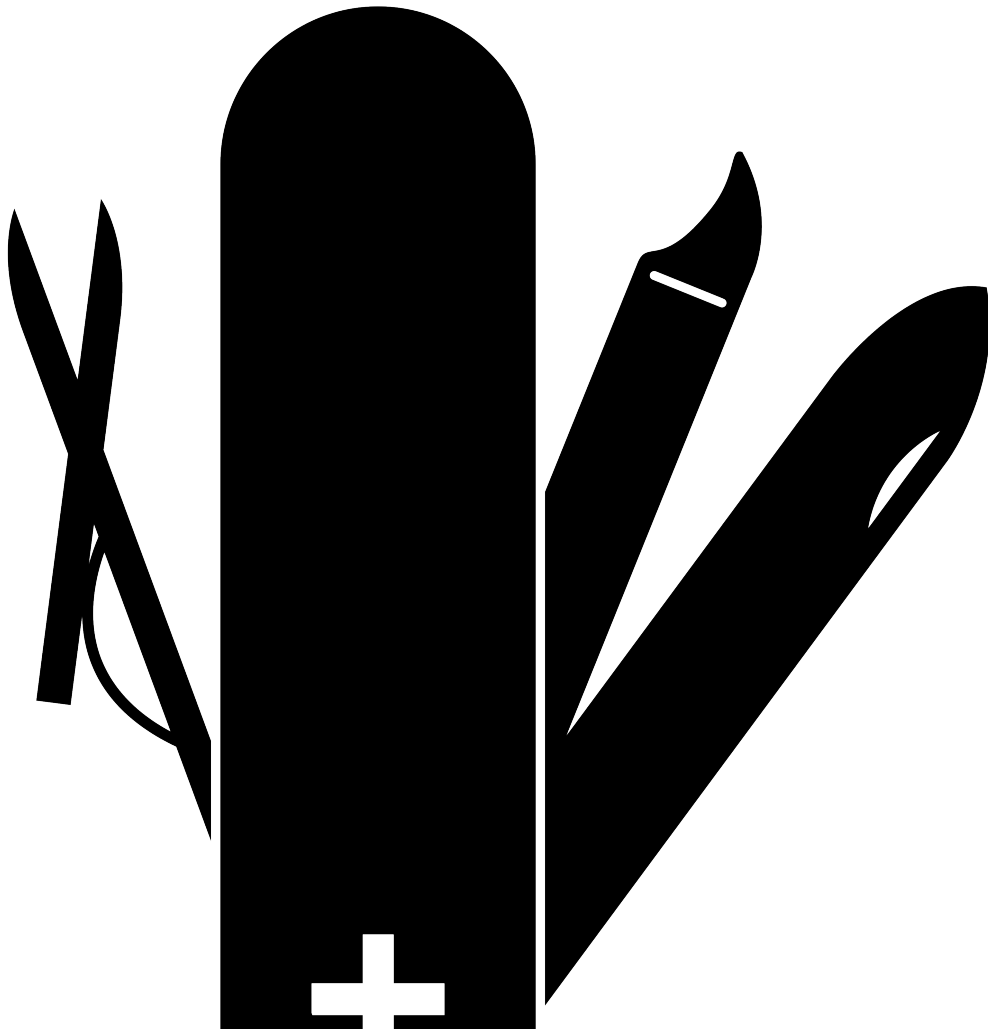
866 wikis & more

Puppetize!

[labs.wikimedia.org](https://labs.wikimedia.org)



# Gadgets



Start coding here

JavaScript

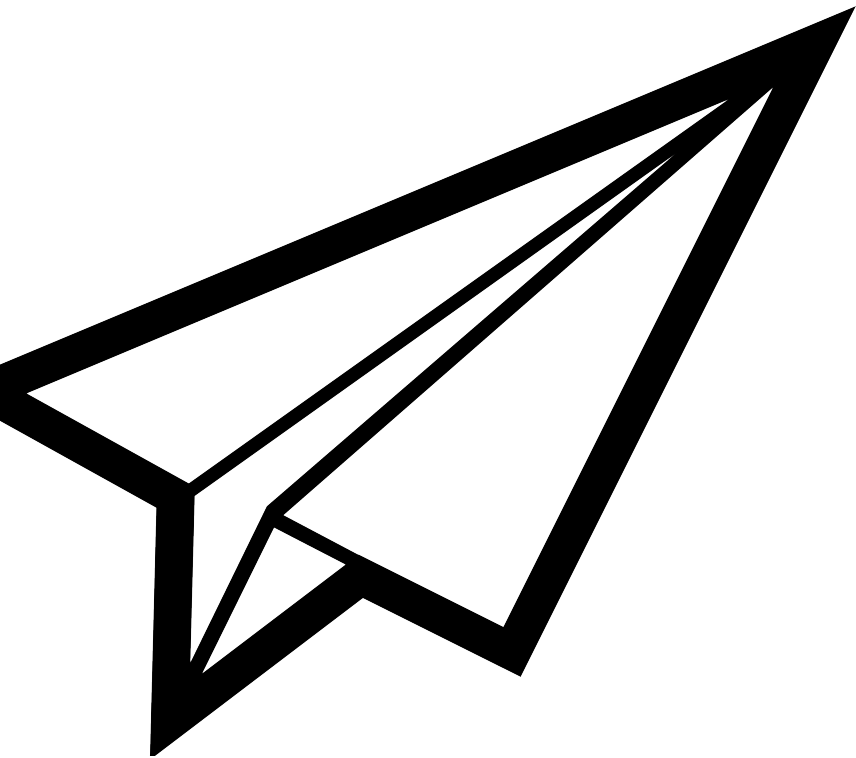
Local user scripts

Share

Get promoted as  
supported gadget



# Mobile



Just anywhere

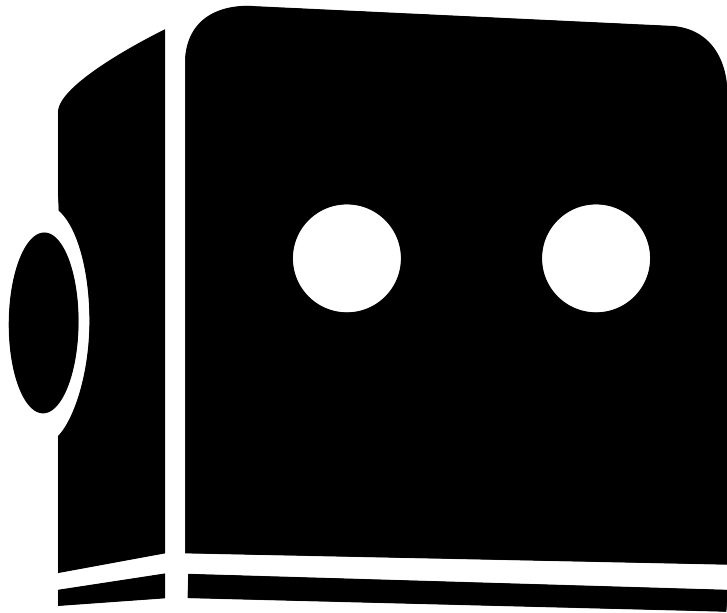
Web & native

Help us with  
Android & iOS

Commons!

Bring the rest

# Bots



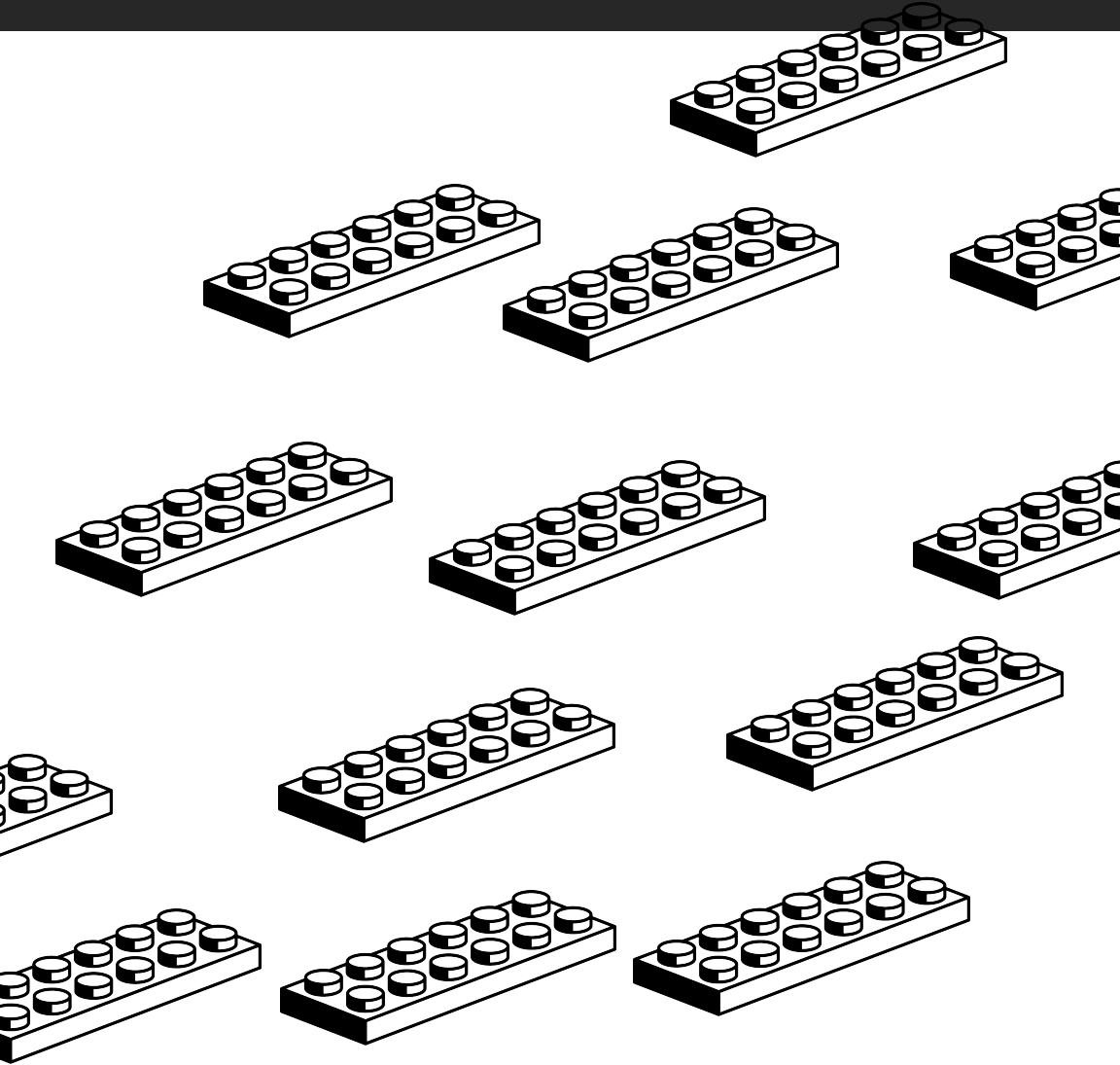
Restless editors

Importing, typos  
vandalism, © ...

1.657 around

Python and more

# Extensions



Feature creation

PHP, also JS...

2.118 around

83 used by



WIKIPEDIA  
The Free Encyclopedia

# Core

The wiki software

PHP

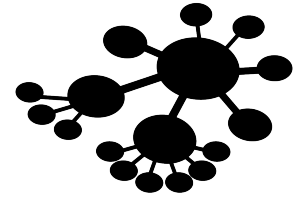
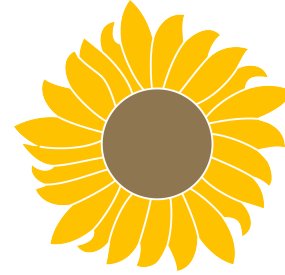
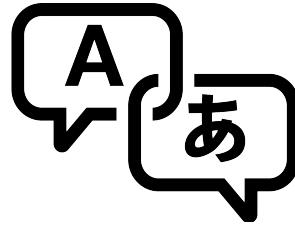
932.270 LOC

155 active  
contributors

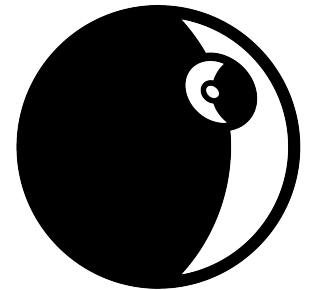
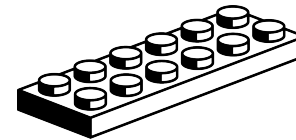
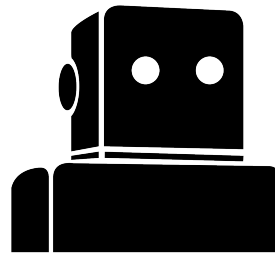
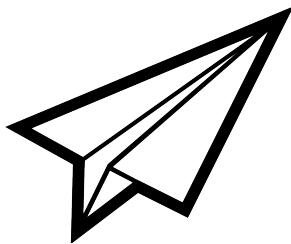
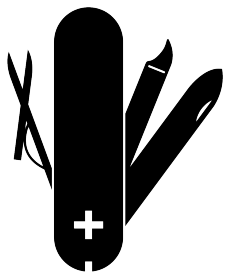
Wikipedia first



# Join the backstage



[mediawiki.org/wiki/How\\_to\\_contribute](https://mediawiki.org/wiki/How_to_contribute)



# Thank you!

MediaWiki logo  
reworked 2  
DieBuche



.tournesols et lavande  
Barbara Piancastelli



## Special Guest

Nature morte  
aux tournesols  
Vincent Van Gogh



## The Noun Project



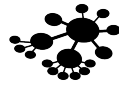
Crane Hook  
Dmitriy  
Lagunov



Hammer  
John  
Caserta



Translation  
Geremy  
Good



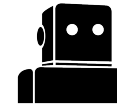
Network  
Jerry  
Wang



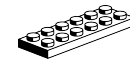
Swiss Army  
Knife  
Jeff Gerlach



Paper Plane  
James  
Fenton



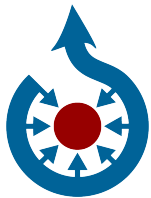
Robot  
Mike  
Hince



Lego  
Jon  
Trillana



Death Star  
Andrew  
Forrester



[commons.wikimedia.org](https://commons.wikimedia.org/wiki/File:How_to_hack_on_Wikipedia.pdf)  
[/wiki/File:How\\_to\\_hack\\_on\\_Wikipedia.pdf](https://commons.wikimedia.org/wiki/File:How_to_hack_on_Wikipedia.pdf)