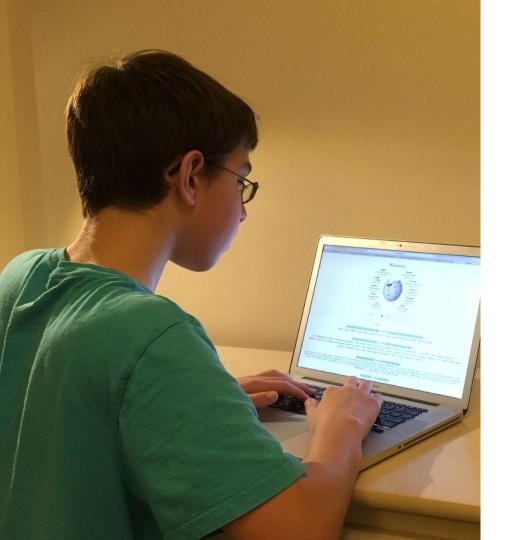


What is developer advocacy?







Contribution

vs. Adoption

Goal: Better Software for Wikimedia

```
<?php
$is_contributor_happy = true;
$is contributor lost = false;
$contributor = array();
if ($is_contributor_happy) {
  array_push( $contributor, "significant contributions", "sense of
    belonging", "identity", "long term contributor");
  echo "Contributor is happy \odot ";
if ($is contributor lost) {
  $i = 0;
 while ($i < count( $contributor ) ) {</pre>
   array_pop($contributor);
   $i++;
   echo "Oops! Contributor is lost 😞 ";
?>
```

Community

vs. Marketing



Good ROI: Happy

Contributor 😊



Why developer advocacy?

Wikipedia and family































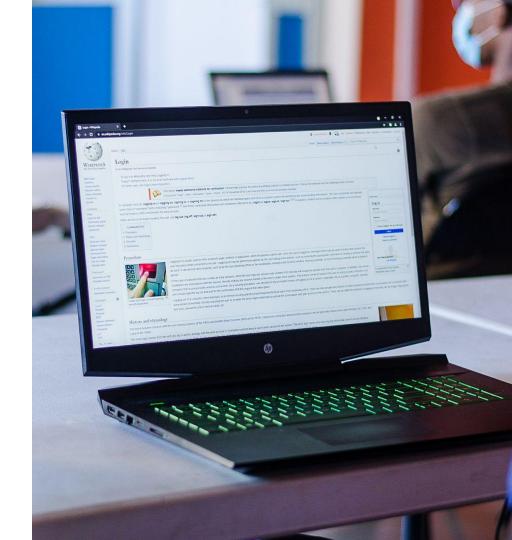


Over 870 Wikipedia and umbrella sites available in other languages.

Mediawiki, the software behind Wikipedia

A **free and open source** collaboration and documentation software used by thousands of orgs and individuals. Many extensions are available:

- → VisualEditor (a WYSIWYG editor)
- → Wikibase (structured content)



Wikipedia's technology ecosystem is vast

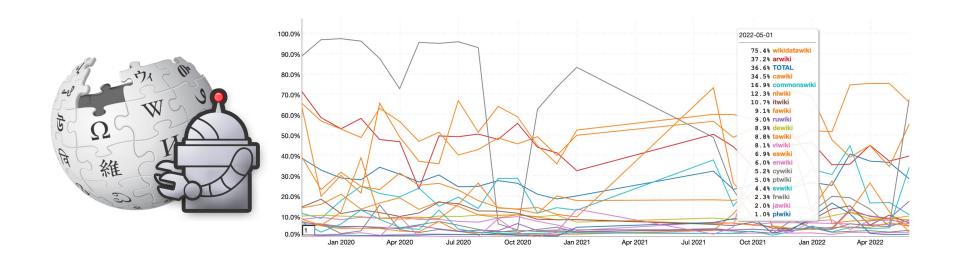
Even NASA uses the software behind Wikipedia - **MediaWiki** for organizing content around their space missions!

400,000+ MediaWiki uses exist



Community bots & tools

1/3rd of edits made to over 800 Wikimedia wikis contributed by bots and tools using our cloud infra



Desktop & mobile apps



Kiwix - Wikipedia offline reader in schools

Provides access to Wikipedia in limited internet access regions, particularly in educational settings.



Android app for Wikimedia Commons

Allows editors to contribute audio, video, media files from their smartphone devices.

2004: One lead developer





Wikimedia's technical community

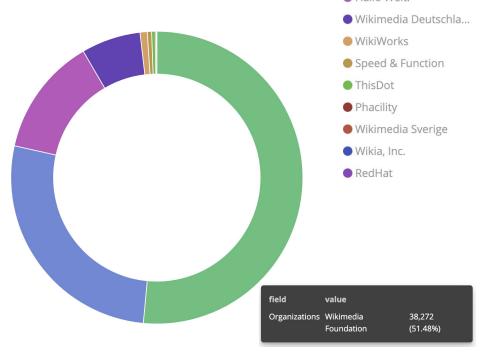


48.52% code contributions from

outside of the Wikimedia Foundation

Received by independent volunteers and other organizations (July 21–June 22)

- → 514 contributors
- → 1,225 repositories
- **→ 45,621** commits



Wikimedia Foundation

Independent

Hallo Welt!

How developer advocacy operates?

Day in the life of a Developer Advocate at Wikimedia



Is there anything remaining in this task before it can be marked as resolved?



Would you be interested in mentoring this project via the upcoming round of GSoC / Outreachy?



Could you please review & leave your feedback on this patch at your earliest? It really needs your attention.



Technical workshops are coming up! Interested in participating? Please sign-up on this wiki page.

Developer Advocacy and its role in Wikimedia





...

I'm reading an @Outreachy intern's bi-weekly report. She is a mother of two, highlights her struggles of raising kids as an immigrant in the US, and writes about the front-end development skills she picked up while working on the internship project:

lalitha711.home.blog
In Search Of Next Opportunity

It is almost the end of my first Outreachy internship and I am looking for another internship or apprenticeship ...

3:44 PM · Feb 25, 2020

1. Outreach and mentoring programs





Google Summer of Code OUTREACHY



2. Grants enabling cultural heritage

"An 85 years old man had the opportunity to share an old Alsatian poem through the Lingua Libre project. This man, had the opportunity to express himself with his own language in a public place. For many years, speaking Alsatian or other mother languages was repressed. This man felt pride to share but also that someone in Japan could listen to him speak in his mother tongue."

~ LinguaLibre developer





2. Grants unlocking free knowledge

Files uploaded via the Commons Android app are in use at **100,000+ places** on Wikipedia.









MATION WORLD STATES CITIES OPINIONS BUSINESS SPORT GOOD NEWS MOVIES PHOTOS

Home > States > Tamil Nadu

Villupuram-based software company gets Silicon Valley call

The Wikimedia grant will help these youngsters set higher targets in life and through them, this 'most backward' district stands to gain a great deal.















Published: 05th June 2022 04:27 AM | Last Updated: 05th June 2022 04:27 AM







Volunteers of the Villupuram GNU/Linux Users Group (V-GLUG). (Photo | EPS)

By Krithika Srinivasan

Express News Service

4. Capacity building in wiki communities

"I made a switch from editing as there were fewer technical contributors in my **Hindi Wikipedia** community."

~ **Jayprakash**, a Wikimedia dev from India



5. Community recognition







Cloud VPS portal
Toolforge portal
Request VPS project
Admin log: Cloud VPS
Tools
What links here

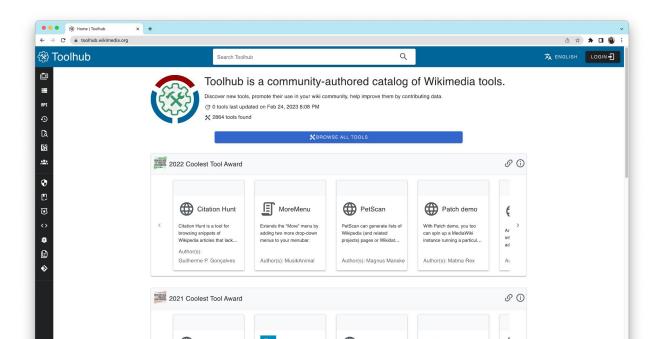
PAWS: A Web Shell (PAWS)

is a Jupyter notebook

deployment hosted by Wikimedia.

6. Technical support for Wikimedia cloud services

Thousands of tools
leverage Wikimedia's
cloud services
infrastructure built
upon Openstack,
GridEngine, Kubernetes
to host, run and
maintain their tools.



6. Technical support for

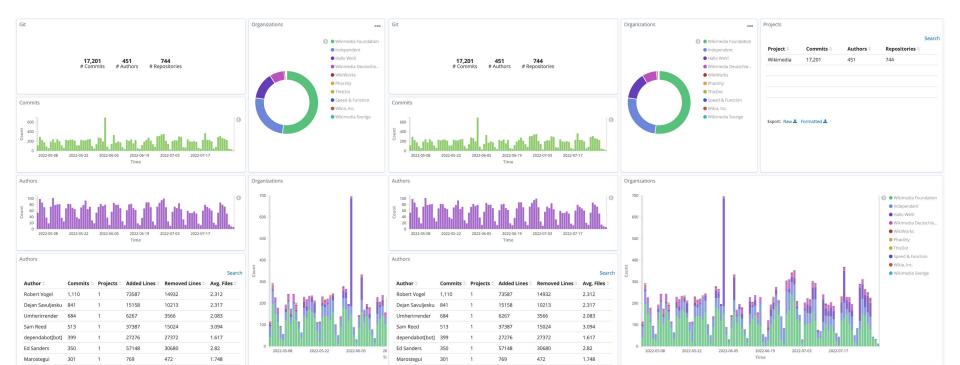
Wikimedia APIs



6. Technical support for Wikimedia APIs



7. Community metrics and health



[Wikitech-I] Patchsets by new Gerrit contributors waiting for code review and/or merge Wikilistx





to wikitech-l -

Summary of repos with more than one patch waiting:

5x WikiPEG. 4x Parsoid. 3x UnblockMe. 2x Cargo. 2x PageForms. 2x MW Core.

CR0: Please review and provide guidance if you are familiar with the code, and decide (CR±1 or CR±2):

- * https://gerrit.wikimedia.org/r/#/c/mediawiki/extensions/Cargo/+/480039/
- ** Added new feature: order virtual fields by the order they inserted to list on cargo store
- ** 2018-December-17
- ** Maintainers/Stewards: ???

Summary

- 1. Focusing on new contributors through **outreach & mentoring programs**
- 2. Sustaining impactful projects with limited resources through **grants**
- 3. Bringing the community together through **hackathons & events**
- 4. Building **technical capacity** to improve equity in communities
- 5. Cultivating a culture of celebration through **community awards**
- 6. Providing **technical support** in various areas (cloud services, APIs)
- 7. Assessing **community metrics & health** to take informed decisions

Key questions

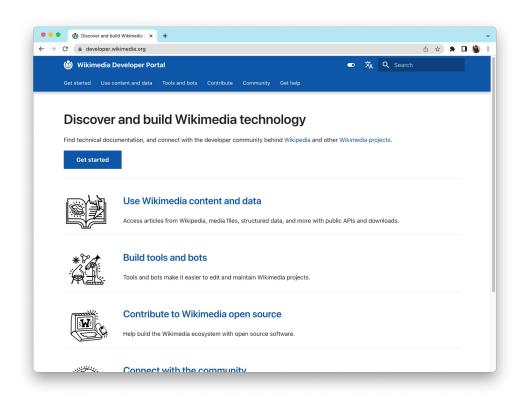
- → How do you assess impact of community engagement & outreach initiatives?
- → How do you develop technical support initiatives that are scalable & sustainable for a multilingual, global community?
- → How do you design for turning "casual" into "long-term"contributions?



Developer Resources

Interested in contributing to Wikimedia projects?

https://developer.wikimedia.org



Thank you for listening!

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