Technical Tools for Programs, Events, & Grants
Agenda

1. Tools for Program & Event Organizers — Trevor Bolliger

2. Introducing: Grant Metrics — MusikAnimal

3. Introducing: Toolhub — James Hare

4. Q&A
Tools for Program & Event Organizers

Trevor Bolliger, WMF Product Manager
About me

Talk to me any time about:

- Tools for Programs & Events
- Community Wishlist
- Anti-Harassment Tools
- Music recommendations

Meet the needs of active Wikimedia contributors for improved, expert-focused curation and moderation tools.
### 2017 Community Wishlist Survey/Results

Here are the results of the 2017 Community Wishlist Survey – thanks to everyone who participated this year!

Curious about what happens next? Check out the [2017 Community Wishlist Survey FAQ](https://meta.wikimedia.org/wiki/2017_Community_Wishlist_Survey/Results).

<table>
<thead>
<tr>
<th>Rank</th>
<th>Proposal</th>
<th>Category</th>
<th>Tickets</th>
<th>Status</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Kartographer improvements</td>
<td>Miscellaneous</td>
<td>T155801, T162232, T141304, T147184, T1441750, T141715, T141335, T140212, T140209, T140092, T140087, T140083, T180907, T180909</td>
<td>In development</td>
</tr>
<tr>
<td>2</td>
<td>Ping users from the edit summary</td>
<td>Editing</td>
<td>T32750</td>
<td>✓ Done</td>
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<tr>
<td>3</td>
<td>Development of the programs and events dashboard</td>
<td>Programs and events</td>
<td>T186820</td>
<td>In analysis</td>
</tr>
<tr>
<td>4</td>
<td>Blame tool</td>
<td>Search</td>
<td>T2639</td>
<td>Pending technical investigation</td>
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</tbody>
</table>
Background

- 3rd most supported proposal on the December 2017 Community Wishlist Survey

- New tools are frequently requested from program and event organizers

- The WMF’s Community Tech and Community Resources teams strongly believe there is an opportunity for improved tools
Our project direction

- Build tools that complement the existing Outreach Dashboard
- Build tools that address different use cases than the dashboard currently serves.
- Build granular, tactical tools for specific uses.
- In the end, we want to have a suite of interconnected tools that are useful to a wide audience.
Who we’re building for

- We want our suite of tools to serve all Program and Event organizers

- However, during development we will focus on limited-scope, tightly-defined target audiences, including:
  - Edit-a-thon organizers
  - GLAM content donation organizers
  - Photo drive organizers (e.g. Wiki Loves Monuments)
  - Editing workshop organizers
  - etc.
Who we’re building for

- First step will be to enumerate, or list out, all of these target audiences

- Second step will be to prioritize this list, based on who can benefit the most, the fastest, from new tools
Stages of an Event

**BEFORE**
- Announcing an event to the public
- Reaching the desired potential participants
- Registration

**DURING**
- Registration
- Wiki account creation
- Participant training
- Tracking of progress

**AFTER**
- Post-event evaluation & metrics reporting
- Post-event follow-up with participants and/or the affiliated organization
Programs Survey

- The WMF ran a survey for Program/Event organizers in April 2018
- We received 31 responses from 27 different affiliates/groups
- Most common requests:
  - Ability to see data updated in real time during an edit-a-thon
  - On-wiki tools for event registration & article assignment
  - Tools to help with cross-wiki events (incl. WikiData & Commons)
  - Ability to analyze first-time editors separate from power editors.
How you can help

- Find me and talk to me!
- Share use cases
- Follow up on our project page: meta.wikimedia.org/wiki/Community_Tech/Tools_for_program_and_event_organizers
Introducing: Grant Metrics
Leon Ziemba, English Wikipedia administrator & WMF Software Engineer
Goals

- Provide grantees a simple, easy to use tool for reporting their shared metrics, and removing the need for manual counting.
- Correct some of the known tool-related problems around collecting metrics, especially Wikimetrics.
Problems to solve

- Counting things is boring, difficult and time-consuming.
- A lot of stuff is done manually.
- Privacy is important.
- Measuring retention is difficult.
How is Grant Metrics different?

- Simplicity.
- Focused exclusively on tracking metrics.
- Focused on reporting outputs of the program.
### My programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Events</th>
<th>Participants</th>
<th>New editors</th>
<th>7 day retention</th>
<th>Pages created</th>
<th>Pages improved</th>
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<tr>
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<td>3</td>
<td>51</td>
<td>25</td>
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<td>10</td>
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<td>The Lion King!</td>
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<td>-</td>
<td>-</td>
<td>2</td>
<td>155</td>
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<td>Wiki Loves Women</td>
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<td>8</td>
<td>6</td>
<td>2</td>
<td>5</td>
<td>5</td>
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<td>Wikidata WikiProject India</td>
<td>19</td>
<td>88</td>
<td>54</td>
<td>41</td>
<td>24</td>
<td>84</td>
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<tr>
<td>Women in Red</td>
<td>1</td>
<td>502</td>
<td>52</td>
<td>372</td>
<td>976</td>
<td>12,689</td>
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</table>
Create a new program

Title: Wiki Bingo

Organizers: MusikAnimal (WMF), TBolliger (WMF), Mick Jagger

Submit
<table>
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<tr>
<th>Event</th>
<th>Participants</th>
<th>New editors</th>
<th>7 day retention</th>
<th>Pages created</th>
<th>Pages improved</th>
</tr>
</thead>
<tbody>
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<td>0</td>
<td>2</td>
<td>3</td>
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<tr>
<td>Wiki Loves Berlin More Than New York City</td>
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<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Art + Feminism 2 Florence</td>
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<td>6</td>
<td>0</td>
<td>2</td>
<td>19</td>
</tr>
<tr>
<td>WikiGap &amp; Art + Feminism 1 Rome</td>
<td>11</td>
<td>6</td>
<td>11</td>
<td>4</td>
<td>15</td>
</tr>
</tbody>
</table>
Create a new event

Title: Wiki Loves New York City

Wikis:
- .wikipedia
- en.wiktionary
- fr.wikibooks

Time: 4/22/2018 12:00 AM - 4/28/2018 11:59 PM

Timezone: America/New York

Submit
**WikiGap & Art + Feminism 1 Rome** (edit event)

Wikis: en.wikipedia, it.wikipedia, sv.wikipedia

Start date: 3/8/18, 12:00 AM (Europe/Rome)
End date: 3/8/18, 11:59 PM

<table>
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<th>7 day retention</th>
<th>Pages created</th>
<th>Pages improved</th>
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<td>—</td>
<td>—</td>
<td>—</td>
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<td>2</td>
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<tr>
<td>it.wikipedia</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>sv.wikipedia</td>
<td>—</td>
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<td>1</td>
<td>8</td>
</tr>
</tbody>
</table>

*The number of new editors who make at least one edit in any Wikipedia project (in any namespace), between 7 days after the event and the time that the report is run.*

Last updated 3/11/18, 12:42 AM (Europe/Rome)

**Participants**

- Garey Busey
- Richard Simmons
- Barack Obama
- (Add other participants)

11 participants

Save participants
My fun event (edit event)

Wikis: en.wikipedia
Start date: 12/31/17, 6:30 PM (America/New York)
End date: 1/27/18, 6:29 PM

Participants

<table>
<thead>
<tr>
<th>Participants</th>
<th>New editors</th>
<th>Pages created</th>
<th>Pages improved</th>
<th>7 day retention</th>
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</thead>
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<td>Fa 216</td>
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<td>2</td>
<td>155</td>
<td>0</td>
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<tr>
<td>Kaldari</td>
<td>0</td>
<td>2</td>
<td>155</td>
<td>0</td>
</tr>
<tr>
<td>MaxSem</td>
<td>0</td>
<td>2</td>
<td>155</td>
<td>0</td>
</tr>
<tr>
<td>MusikAnimal</td>
<td>0</td>
<td>2</td>
<td>155</td>
<td>0</td>
</tr>
</tbody>
</table>

The number of new accounts created, including users that registered up to 15 days before the event (on any wiki).

Last updated 3/19/18, 8:47 PM (America/New York)
# Event data for "My fun event"

**Wikis:** en.wikipedia  
**Start date:** 12/31/17, 6:30 PM (America/New York)  
**End date:** 1/27/18, 6:29 PM

<table>
<thead>
<tr>
<th>Participants</th>
<th>New editors</th>
<th>Pages created</th>
<th>Pages improved</th>
<th>7 day retention</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0</td>
<td>2</td>
<td>155</td>
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<table>
<thead>
<tr>
<th>Date</th>
<th>Page</th>
<th>Wiki</th>
<th>Username</th>
<th>Edit summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>(diff) 1/1/18, 8:28 PM</td>
<td>Queen Maud Land</td>
<td>en.wikipedia</td>
<td>Kaldari</td>
<td>Not a new claim, just a clarification of the existing claim</td>
</tr>
<tr>
<td>(diff) 1/2/18, 9:51 PM</td>
<td>Marie Sharp</td>
<td>en.wikipedia</td>
<td>Kaldari</td>
<td>She is the founder and owner of Marie Sharp's Fine Foods Ltd.</td>
</tr>
<tr>
<td>(diff) 1/4/18, 12:59 AM</td>
<td>Cytochrome c oxidase subunit I</td>
<td>en.wikipedia</td>
<td>Kaldari</td>
<td>→Application: clarifying, consistent use of &quot;MT-CO1&quot;</td>
</tr>
<tr>
<td>(diff) 1/4/18, 10:52 PM</td>
<td>Spironolactone</td>
<td>en.wikipedia</td>
<td>Kaldari</td>
<td>→Transgender hormone therapy: more specific information</td>
</tr>
<tr>
<td>(diff) 1/4/18, 10:53 PM</td>
<td>Spironolactone</td>
<td>en.wikipedia</td>
<td>Kaldari</td>
<td>→Transgender hormone therapy: more specific</td>
</tr>
<tr>
<td>(diff) 1/7/18, 12:57 AM</td>
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<td>Kaldari</td>
<td>slight wording tweak</td>
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<td>Rules of Go</td>
<td>en.wikipedia</td>
<td>Kaldari</td>
<td>→Rulesets: WP:SELF</td>
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<tr>
<td>(diff) 1/7/18, 7:33 PM</td>
<td>Better Out Than in</td>
<td>en.wikipedia</td>
<td>MuskAnimal</td>
<td>removed long-standing unsourced content and less notable pieces; other copy edits and improved sourcing</td>
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<tr>
<td>(diff) 1/1/18, 1:19 AM</td>
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<td>en.wikipedia</td>
<td>Kaldari</td>
<td>German newspaper</td>
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<td>en.wikipedia</td>
<td>MaxSem</td>
<td>Undid revision 819571504 by 99.239.42.61 (talk)</td>
</tr>
</tbody>
</table>
Feedback?

tools.wmflabs.org/grantmetrics
Introducing: Toolhub

James Hare, WMF Product Manager
We all know you can edit Wikipedia...
[[Plik:Porównywanie edycji - przykład.png|thumb|left|300px|Edytorzy sprawdzają zmiany w artykułach poprzez porównywanie dwóch wersji danego artykułu. Różnice między tymi wersjami wyróżnione są kolorem czerwonym]]

Praktycznie wszyscy odwiedzający mogą edytować zawartość Wikipedii oraz tworzyć nowe artykuły, a ich zmiany są widoczne natychmiast po naciśnięciu przycisku "Zapisz" i zatwierdzeniu przez uprawnionego użytkownika - redaktora. Ostatni warunek
Wikimedians do many different kinds of work
Partnerships with cultural organizations
BaGLAMa 2

BaGLAMa shows you page view numbers for pages on Wikipedia (and other Wikimedia sites) containing Commons files in a specific category. Since February 2014, a new software is used to aggregate page views, so there may be minute differences.

The new Wikimedia pageview API (human views only, no bots) is used starting 2015-12!

Commons categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Stats</th>
<th>Months tracked</th>
<th>Last month</th>
<th>Total views in all times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio files by Sain (Records) Ltd</td>
<td>Show</td>
<td>14</td>
<td>2018-03</td>
<td>818,485</td>
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<tr>
<td>BAnQ-Projet Poirier</td>
<td>Show</td>
<td>46</td>
<td>2018-03</td>
<td>1,198,346,772</td>
</tr>
<tr>
<td>BBC voice samples</td>
<td>Show</td>
<td>33</td>
<td>2018-03</td>
<td>322,139,239</td>
</tr>
<tr>
<td>Belgrade Aviation Museum</td>
<td>Show</td>
<td>91</td>
<td>2018-03</td>
<td>54,945,753</td>
</tr>
<tr>
<td>Belgrade Military Museum</td>
<td>Show</td>
<td>91</td>
<td>2018-03</td>
<td>73,132,396</td>
</tr>
</tbody>
</table>
Editing workshops
## My programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Events</th>
<th>Participants</th>
<th>New editors</th>
<th>7 day retention</th>
<th>Pages created</th>
<th>Pages improved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wikimedia DC Institutional</td>
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<td>-</td>
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<td>-</td>
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<tr>
<td>Partnerships</td>
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</tbody>
</table>

Create a new program
Writing code
Gadgets on every Wikimedia wiki

In this notebook we retrieve a list of every wiki from the Site Matrix via the Wikipedia API. From there we download the "gadget definitions" page from each wiki, and with some light parsing, we come up with a list of every gadget on each wiki.

```
In [4]:
import requests
import re
from collections import OrderedDict, Counter

# First, we download the Site Matrix to get our list of Wikimedia wikis
sitematrix = 'https://en.wikipedia.org/w/api.php?action=sitematrix&format=json'
r = requests.get(sitematrix)
r = r.json()
r = r['sitematrix']

site_urls = []
for blob in r.values():
    if type(blob) is dict:
        for subblob in blob['site']:
            site_urls.append(subblob['url'])
    elif type(blob) is list:
        # "Special" wikis, including Commons and Wikidata, are different for some reason
        for subblob in blob:
            site_urls.append(subblob['url'])
```
How do you find all these tools???
Toolhub is:

A new project to create a database of Wikimedia tools
Toolhub is:

Based on earlier tool categorization efforts, including Hay’s Tool Directory
Toolhub is:

Multilingual and international
Toolhub is:

A team effort.
You can help

Talk to us about your work.
What tools do you use?
What tools do not exist yet?
How do you learn about tools?
How do you share tools?
Let’s talk!

etherpad.wikimedia.org/p/ToolTime18
THANK YOU

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Leon Ziemba
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James Hare
 WMF Product Manager
jhare@wikimedia.org