

Audiences II: Readers, Audiences Ops, and Wikidata

Q1/Q2 2017-18



WIKIMEDIA
FOUNDATION

Oct 2017

Readers Web3 [\[LINK\]](#)**GOAL: Improve the encyclopedia experience**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|--|---|
| Increase retention across our Reading experiences | LAST QUARTER | |
| | Web and Community liaisons, Services, Design Research | Release page previews feature as the default experience to all Wikipedias but English and German A/B test on English and German Wikipedias |
| | NEXT QUARTER | |
| | Web and Community liaisons, Services, Design Research | Prepare for release to English and German Wikipedias - stalled until January due to deployment freeze and fundraiser |

STATUS: OBJECTIVE IN PROGRESS WITH DELAYS

Page Previews - feedback

Quantitative:

- Due to a bug affecting all client-side event logging across Audiences, we will be repeating the A/B test for more in-depth results and to ensure accuracy of our initial results:
 - Very few users disable the feature (<0.1% of sessions according to preliminary data)
 - On average, cards are viewed ($\geq 1s$) on between 13% - 20% of pageviews
- Third fundraising test - no negative effects on fundraising

Other

- Lots of positive feedback seen on Twitter, other wikis



Rodrigo Monteiro

@amzeratul

Follow

Oh, Wikipedia now has link previews? That's neat!

8:58 AM - 13 Sep 2017



Dr. Leif "Singer"

@lsinger

Follow

Wow, @wikipedia! These hover-activated article previews are amazing. Much ❤️.



CM de qualité

@torresromain

Follow

Oh, maintenant sur Wikipédia, il y a des previews des liens depuis un article.

Vraiment pratique, ils auraient dû l'ajouter plus tôt.

7:57



donn

@tsunbiscuit

Follow

whoa whoa

since when did wikipedia do page previews

this is ~~fucking~~ awesome

6:43 PM - 2 Sep 2017



Joseph Wooley

@JosephWooley

Follow

I found a single Wikipedia page with hover-over previews of additional articles, and it's changed my life.

5:49 PM - 13 Sep 2017

3 Likes



3



「Perfect Freeze」

@CappuCorno

Follow

i don't know how long this has been a feature, but wikipedia does article previews now and it's actually great

...and more

Oct 2017

Readers Web3 [\[LINK\]](#)**GOAL: Improve the encyclopedia experience**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---|---|
| Increase retention across our Reading experiences | LAST QUARTER | |
| | Web with Community Liaisons, New Readers, Services | <ul style="list-style-type: none"> • Improve rendering functionality for PDF creation and book tool by deploying new rendering tool • Deploy new desktop print styles |
| | NEXT QUARTER | |
| | Web with Community Liaisons, New Readers, Services | <ul style="list-style-type: none"> • Evaluate and create new rendering tool for rendering PDFs on desktop and mobile • Deploy button for readers to download PDFs from the mobile website |

STATUS : OBJECTIVE DELAYED

Oct 2017

Readers

3 [\[LINK\]](#)

OCG - a brief history

- Rendering PDF articles and books from Wikipedia pages is handled by a service called [OCG](#). When rendering "books" through the book creator, it uses [OCG](#) as embedded within the [Collection](#) extension. [OCG has multiple significant issues](#) (2015)
- Wikimedia Deutschland begins working on a [solution](#) for rendering tables in PDF's after table rendering ranks number 9 on the Community Wishlist. They introduce the Electron rendering Service (September 2016)
- The [WMF Reading Team](#) takes over the responsibility for the long term maintenance of PDF rendering and begins plans to switch all rendering to Electron (October 2016)
- The Reading Web team begins working on an replacement for single article and books features based on Electron rendering (April - May 2016)
- Electron was deemed an unsuitable replacement for OCG due to frequent failures of the service when rendering large articles (September 2017)
- Reading web team puts all other work on pause to assess the problem (September - October 2017)
- OCG service is retired

OCG - current situation



Book Creator is undergoing changes

Due to severe issues with our existing system, the Book Creator will no longer support saving a book as a PDF for a short period of time. We are working hard to replace our system and re-enable PDFs within the Book Creator.

[Learn more](#)



Download single pages

While the Book Creator PDF rendering is being replaced, you can try *Download as PDF* from the sidebar tools for individual articles.

- OCG is officially off with no suitable alternative currently available
- Books functionality turned off
- Research towards a suitable replacement - a priority for the reading web team in Q2

OCG - What went wrong?

- No outlined process for sunseting features
- Unclear communication channels - TechOps, Readers Web, Readers Infrastructure, Services and Release Engineering conversations were split across multiple channels - email, meetings, mediawiki pages, phabricator.
- Unclear ownership of OCG, the UI and functionality, and the new rendering service itself
- Insufficient upfront research into user needs - committed to replacing the book creator prior to evaluating books usage
- Insufficient upfront research on technical solutions and viability

OCG - Lessons Learned

- Research - perform upfront product research on the value of the feature and its necessity to our users
- Identification of ownership - clear ownership for each component of a project set from the very beginning
- Identification of stakeholders - clear identification of all stakeholders and teams involved and a single source of truth for conversations and documentation
- A number of these problems currently addressed by the Sunsetting Working Group

Oct 2017

Readers3 [\[LINK\]](#)**GOAL: Improve the encyclopedia experience**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|--|---|
| Assess the possibility of providing an offline-capable app and unifying content through various services to improve performance and development speed. | LAST QUARTER | |
| | Web with Community Liaisons, New Readers, Services | Begin work on new mobile website (aka Marvin) with a focus on performance and connection management - set up development infrastructure, define MVP for initial feature set |
| | NEXT QUARTER | |
| | Web with Community Liaisons, New Readers, Services, Performance | Continue work on product justification deck, TechCom RfC, and presentation roadmap; prepare for user testing on the article namespace and basic functionality in Q3 |

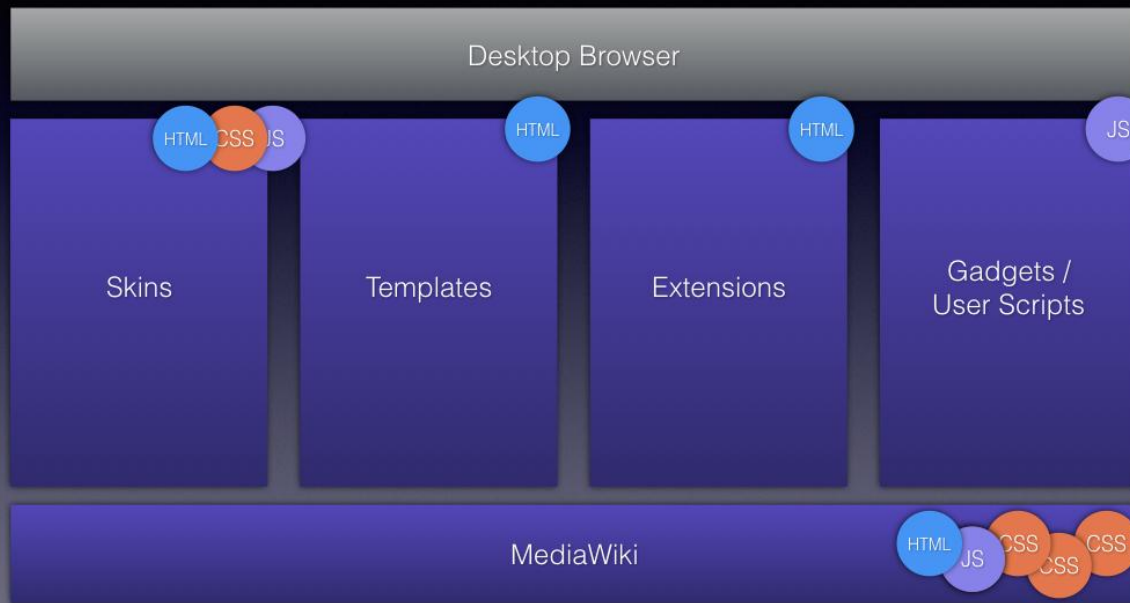
STATUS : OBJECTIVE ON TRACK



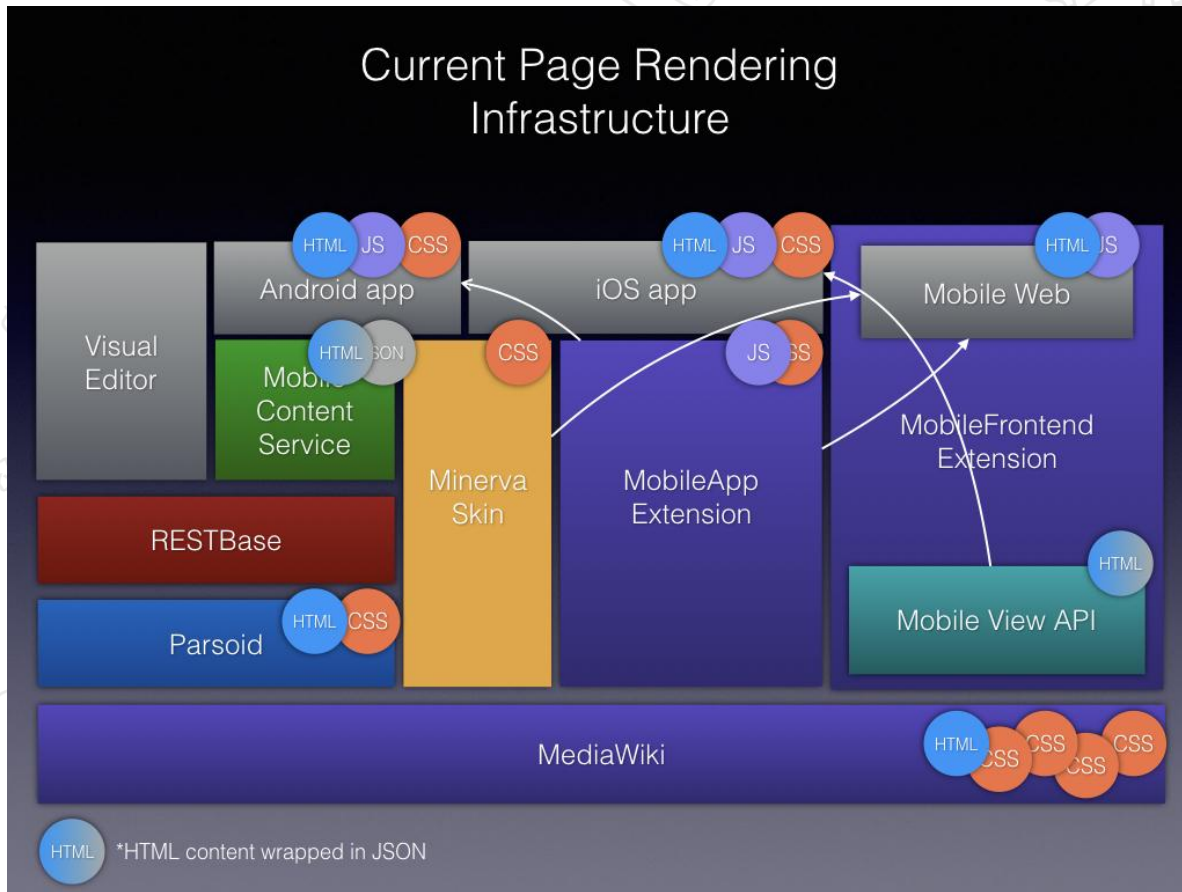
Page Content Service

**Modernizing and simplifying our
technology stack for clients**

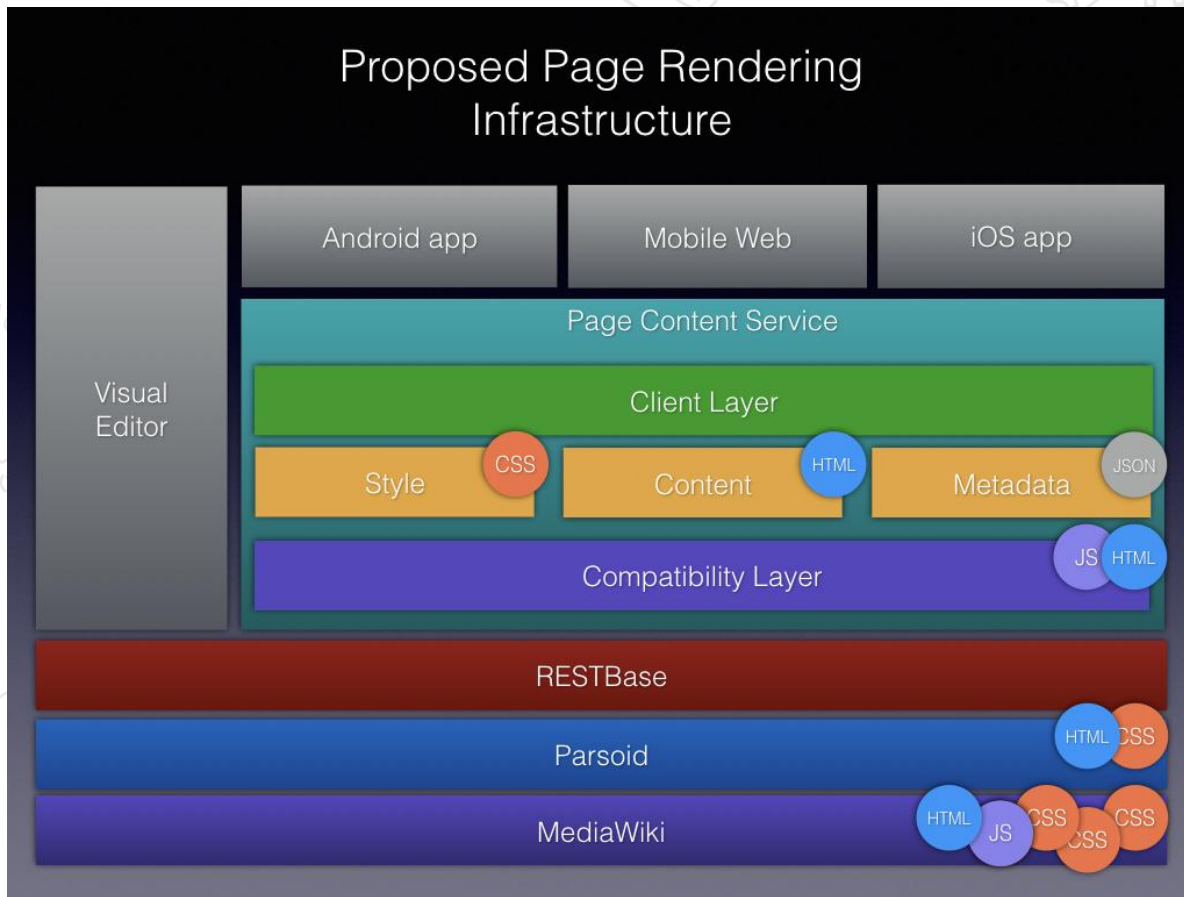
Page Rendering Infrastructure before VE and Mobile



Current Page Rendering Infrastructure



Proposed Page Rendering Infrastructure



Designing the Page Content Service

- Leverage modern infrastructure - RESTBase and Parsoid
- Gather requirements for all existing experiences and planned experiences
- Consolidate and share page rendering code (Javascript)

Oct 2017

Readers3 [\[LINK\]](#)**GOAL: Improve the encyclopedia experience**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|--|--|
| Increase retention across our Reading experiences | LAST QUARTER | |
| | Reading Infrastructure with WMF Services, Web | Reading Lists Service: Complete development (In Security Review) Page Content Service: Complete API Design, Continue development. Integrate Page library into apps Push Notification Service: Pushed back to Q3 |
| | NEXT QUARTER | |
| | Reading Infrastructure with WMF Services, Web, Android, TechCom | Reading Lists Service: Deploy to production and integrate into Android Page Content Service: Continue development, complete Phase 2 of plan , RFC on caching strategy |

STATUS: OBJECTIVE IN PROGRESS

Oct 2017

Readers Android3 [\[LINK\]](#)**GOAL:** Launch an experience directed at New Readers

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|--|--|
| Support New Readers with variable connectivity (New Reader Persona Sandeep), by adding support to import, read and search offline content from the ZIM format to the Android app, and defining a plan for how ZIMs will be created and served. | LAST QUARTER | |
| | New Readers, Reading Infrastructure, Kiwix | Iterate on the prototype from Q1, finalize scope and resolve or plan for any additional dependencies, particularly for serving ZIMs. |
| | NEXT QUARTER | |
| | New Readers, Reading Infrastructure, Kiwix | Release “side loading” support to production. Work towards an offline eco-system that provides content that New Readers markets will value <i>at scale</i> . |

STATUS: OBJECTIVE ON TRACK

Oct 2017

Readers Android3 [\[LINK\]](#)

- The results of the prototyping, [research](#) and cross-functional discussion were that this feature should be rolled out in two phases: the first providing basic “side loading” feature, followed by further work, including outside Android to deliver a solution for the real large scale user need: relevant content collections, of the right size, available for download within the app.
- In Q2 we’ll ship phase 1, and partner with New Readers/Communications to raise awareness of the app and this feature in test market(s).
- For future phases, we’ll continue to work with the New Readers team and others to determine how to serve these users’ needs.
- **This is why we do research:** to iterate towards effective solutions focused on USERS, not technology.

How does a user get a pack of content? [\[edit\]](#)

| Org | Content selection & curation | File generation | Hosting | Indexing | Downloading | Reading |
|-------|---|---------------------------|--|---|---|--|
| Kiwix | Personal contact with Kiwix | MW Offliner + ZIMwriterFS | Kiwix server in Paris mirrored to many places (including WM Dumps) | Custom XML based library [?] (soon OPDS API) + Kiwix Wiki [?] | Http download | libkiwix (including Libzim) to all Kiwix |
| Other | Fragmented: liaB, WP1 selection, non-WP content, PiBox | | Prospective: internet.org | None | Metalink (p2p) Pibox installer (for rasp pi) | Libzim to front ends |
| WMF | <i>Collections Extension (Deprecated ZIM)?</i> | <i>MW Offliner?</i> | <i>Swift?</i> | MCS API (phab:T163586) | Wikipedia Android App[requires metadata + augments ZIM] | |

Oct 2017

Readers Android3 [\[LINK\]](#)

Prototype Evaluation

- Research was conducted on the ground in India in partnership with Hureo, a design research firm. Those results [are published here](#).
- Android UX Lead Rita Ho also performed a round of evaluative testing [with “classic” Readers](#).

“I would like specific topics and smaller size. Biology (certain subsets like freshwater biology), modern english poetry in Maharashtra. Should not be too specific either. Would like more varieties of packs and small size.

I like books, historical content, related to my wiki browsing.”

“It generally seems OK but may be lacking in terms of range at the moment... I'm not 100% sure what is contained within these Wikipedia article packs. I was assuming they would be based on subjects...”

- Although needs and expectations differed, both audiences identified the limited content and large sizes of packs as major barriers to adoption.

Oct 2017

Readers iOS1 [\[LINK\]](#)**GOAL:** Increase retention and engagement

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|-----------------------------|--|
| Develop and release a synced reading list feature. | LAST QUARTER | |
| | Reading Infrastructure | Although development and deployment of the backend dependencies made progress, we were not able to proceed with front end work this quarter. |
| | NEXT QUARTER | |
| | Reading Infrastructure, Ops | Public release before the Christmas “app season”. |

STATUS: STALLED BUT GETTING BACK ON TRACK

Oct 2017

Readers iOS1 [\[LINK\]](#)**GOAL:** Increase retention and engagement

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|----------------------------------|--|
| Evaluate the potential relevance of trending based on edit patterns, rather than reading counts. | LAST QUARTER | |
| | Reading Infrastructure, Research | Perform and additional research study to determine whether readers in India and the United States find trending based on editing activity or reading activity. The result was that reading is more broadly relevant. We'd like to continue this line of iteration and research but there are no commitments for now. |
| | NEXT QUARTER | |
| | None | None |

STATUS: OBJECTIVE COMPLETE*colors: **OBJECTIVE AT RISK OR CANCELLED** / **OBJECTIVE AT RISK** / **OBJECTIVE ON TRACK**

CHECK IN

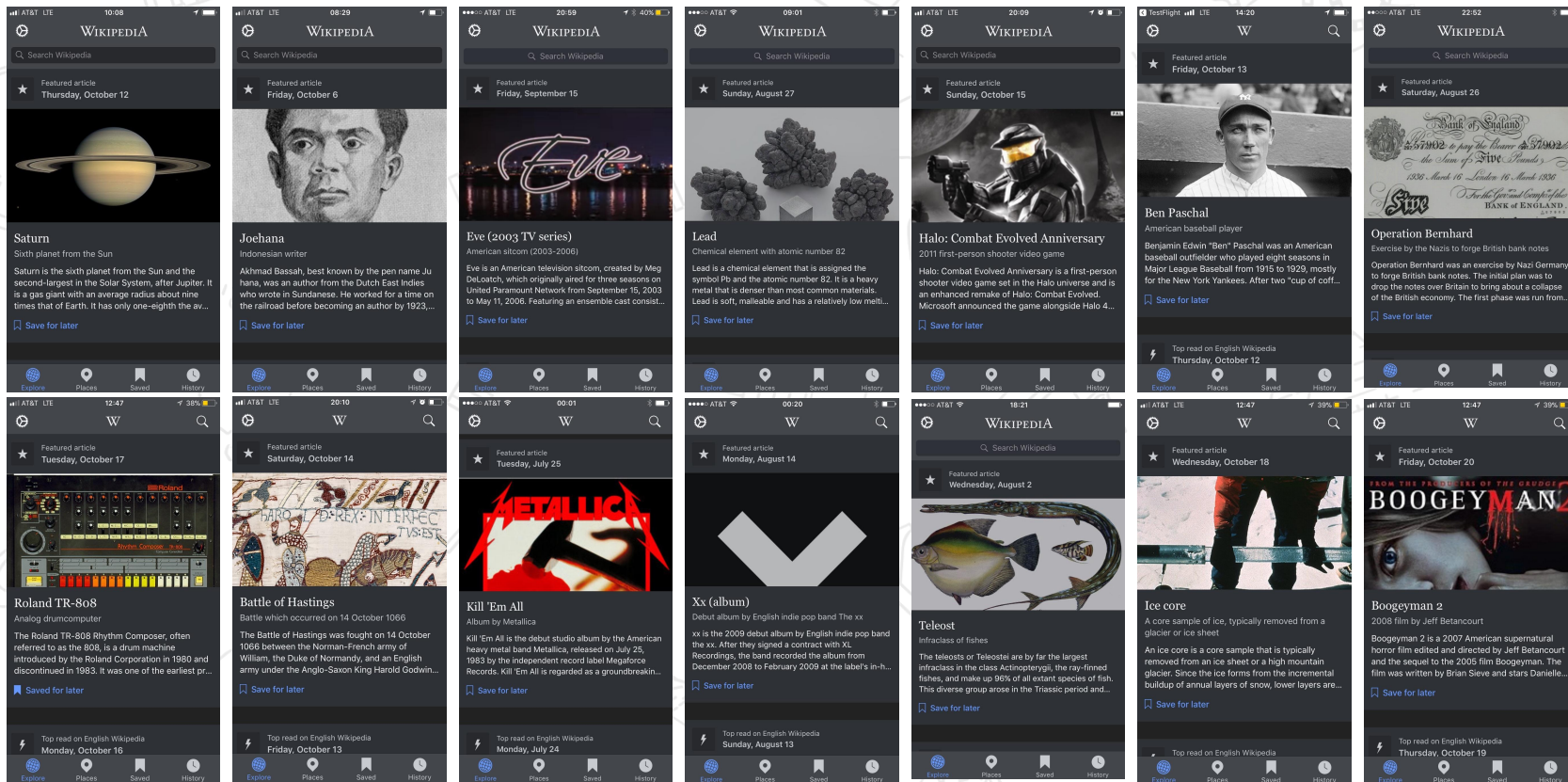
TEAM/DEPT

PROGRAM

Oct 2017

Readers iOS

1 [LINK]



Oct 2017

Readers iOS1 [\[LINK\]](#)

5.6.0 Launch Feedback and Press


- Our major release this quarter, 5.6.0 included some big new features that have been incredibly well received by users, Apple and tech press.
- Highest ever app store rating, sustained through two releases so far!
- Featured multiple times in US, Japan and other app stores.
- Upcoming blog post to highlight how design+product+engineering worked together to make users happy and improve accessibility in delivering this feature.
- Recognized in multiple markets in tech press:
 - PC Mag best iPad Apps of 2017 "The app even suggests articles based on your reading history, so you can fall down that Wikipedia rabbit hole at any time.": <https://www.pcmag.com/article2/0,2817,2372737,00.asp>
 - Best apps of 2017: <https://www.digitaltrends.com/mobile/best-iphone-apps/>
 - Arabic "Best of Apps" blog. Description is pretty dry, but is nice to see international recognition. RTL support FTW! <http://www.blogofapps.com/best-iphone-apps/>

Discovery

October 2017 quarterly check-in



WIKIMEDIA
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Through incremental search, portal and map technology improvements, we help readers more effectively search, discover and interact with rich Wikimedia content.

GOAL: Improve search on Wikimedia projects

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|--|--|
| Refine and test new design of search results page with occasional deployments | LAST QUARTER | |
| | Community Engagement, Search Platform, Analytics | <ul style="list-style-type: none"> • Completed testing for Explore Similar feature • Finalized code for: <ul style="list-style-type: none"> ◦ thumbnail images in search results ◦ Wiktionary widget • Minor UX updates to sister project snippets |
| | NEXT QUARTER | |
| - | - | - |

STATUS: OBJECTIVE COMPLETE (DISCONTINUING)

Q seasonal migration of butterflies



Search

Results 1 - 20 of 169

[Content pages](#) [Multimedia](#) [Everything](#) [Advanced](#)

You may create the page "*Seasonal migration of butterflies*", but consider checking the search results below to see whether the topic is already covered.

Monarch **butterfly migration**



Monarch **butterflies** (*Danaus plexippus*) perform annual **migrations** across North America which have been called "one of the most spectacular natural phenomena".
110 KB (11,389 words) - 00:26, 12 October 2017 [✖](#) [Languages](#) ^

Animal **migration**



Animal **migration** is the relatively long-distance movement of individuals, usually on a **seasonal** basis. It is found in all major animal groups, including
19 KB (2,105 words) - 09:05, 28 August 2017 [✖](#) [Languages](#) v

Languages

| | | |
|---------------|-------------------|-------------------|
| Deutsch | español | français |
| Tierwanderung | Migración animal | Migration animale |
| italiano | русский | Tiếng Việt |
| Migrazione | Миграция животных | Động vật di cư |

Insect **migration**



Insect **migration** is the **seasonal** movement of insects, particularly those by species of dragonflies, beetles, **butterflies** and moths. The distance can vary
15 KB (1,732 words) - 03:51, 9 May 2017 [✖](#) [Languages](#) ^

Results from sister projects

The Encyclopedia Americana (1920)/**Migration**

Milkweed Butterfly). Among other **butterflies** periodical **migrations** occur, as in movements of vast columns across the Isthmus of Panama out to sea, and flights



[Texts from Wikisource](#)

Science: An Elementary Teacher's Guide/Animals

or food supply. The **migration** of the Arctic tern, the elk, and other animals suggest **seasonal** adaptations as the heavier coats of furry animals in the



[Textbooks from Wikibooks](#)

2017-10

Discovery: PortalP2**GOAL: Improve discovery of Wikimedia projects**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---|--|
| Maintenance and bug fixes (as needed) in Q1 | LAST QUARTER | |
| | Community Engagement | Update article statistics and newly translated text on a regular basis; fix bugs as needed. |
| Automation and technical debt in Q2 | NEXT QUARTER | |
| | Operations, Release Engineering, Community Engagement | <ul style="list-style-type: none"> ● Automation of regular updates: <ul style="list-style-type: none"> ○ Portal statistics ○ Translations ● Pay down accumulated technical debt |

STATUS: OBJECTIVE IN PROGRESS

WIKIPEDIA

L'enciclopèdia lliure

Català

553 000+ articles

Čeština

389 000+ článků

English

5 472 000+ articles

日本語

1 074 000+ 記事

Русский

1 419 000+ статей

Dansk

231 000+ artikler

Bosanski

75 000+ članaka

Español

1 352 000+ artículos

Deutsch

2 098 000+ Artikel

Français

1 905 000+ articles



univers

CA



Univers

totalitat de planetes, estrelles, galàxies, espai intergalàctic. Tota la matèria i energia



Universitat de Barcelona

Universitat pública ubicada a Barcelona

wikipedia.org



WIKIPEDIA

The Free Encyclopedia

curr

EN



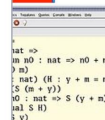
Curry

dish whose origins are in South and Southeast Asian cuisines



Curriculum

educational plan



Curry-Howard correspondence

the direct relationship between computer programs and mathematical

日本語

Français

Português



Done

"curr"

currently

current

q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ↵

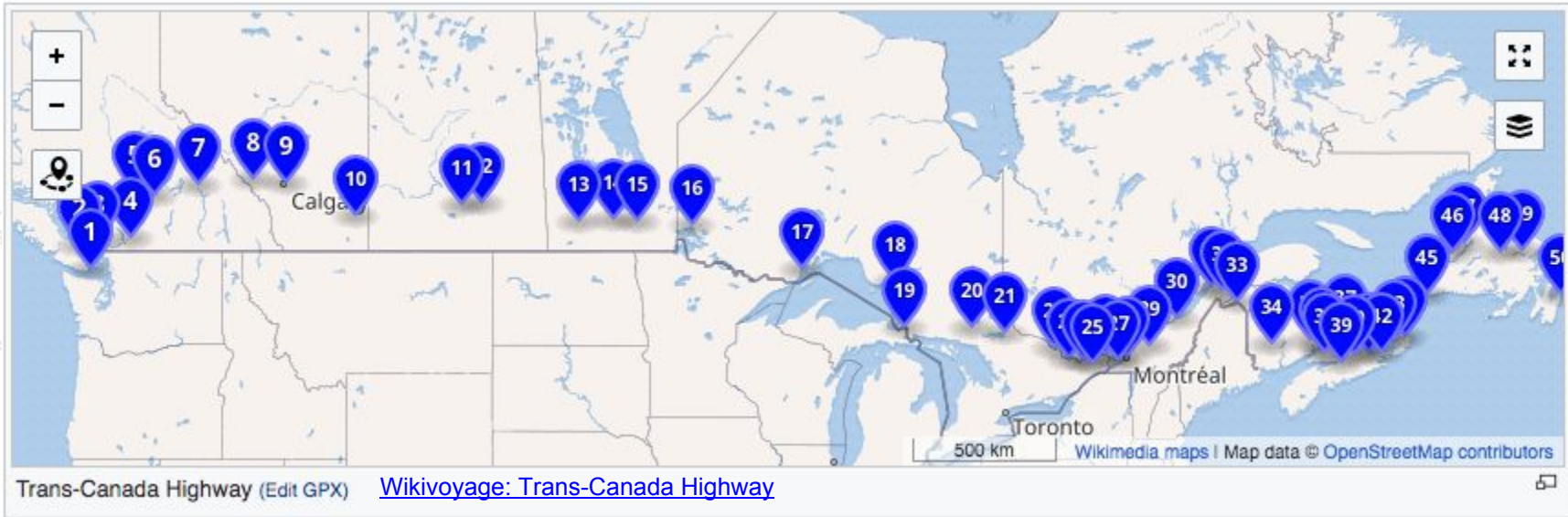
123 😊 🗣️ space Search

2017-10

Discovery: Maps[P2](#)**GOAL: Maintain and evolve map tools on Wikimedia projects**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|----------------------------------|---|
| Stabilize map service code base, critical bug fixes, community conversations | LAST QUARTER | |
| | Community Engagement, Operations | Finalized map style, updated to Node.js 6.11, monitored and fixed critical bugs, prepped for migration of test servers to WMF Cloud, assisted communities enabling mapframe on select Wikipedias |
| | NEXT QUARTER | |
| | Community Engagement, Operations | <p>Deploy map style, migrate map test servers to WMF Cloud, monitor and fix critical bugs, converse with community for new mapframe deployment requests</p> <p>We are exploring alternatives to identify a more sustainable path forward for the future of maps</p> |

STATUS: OBJECTIVE IN PROGRESS



Wikipedia communities that recently enabled mapframe:

- Portuguese
- Basque
- Czech
- Spanish

enwiki mapframe conversation:

‘should we ask for mapframe to be turned on?’

“Q: do we want to have this functionality available and is WMF ready to support the deployment?”

“A: we believe a deployment in the near term would entail resourcing risks...we are exploring alternatives concerning both the maps consumption experience and maps contributions (editing) to identify a more sustainable path forward...”

Readers Multimedia

Oct. 2017 quarterly check-in



WIKIMEDIA
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New Hires:

Pam Drouin (UX designer)

Cormac Parle (snr. engineer)

Ramsey Isler (product manager)



WIKIMEDIA
FOUNDATION

Oct 2017

Readers: Multimedia4 [\[LINK\]](#)**GOAL: Support 3D Files**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|---|--|
| Add support for a 3D file type based on a 2016 community wishlist item (the 2nd most supported item in the Multimedia category). | LAST QUARTER | |
| | Community Liaisons, Communications, Performance, TechOps, Legal | Bulk of core code for the feature completed, 3D upload made available for testing on beta and test wikis. Received legal guidance from WMF legal and provided new UploadWizard designs for community feedback. |
| | NEXT QUARTER | |
| | Community Liaisons, Communications, Legal. Outside partners for 3D file support including Duke University, Myminifactory, and Sketchfab | Redesign UploadWizard to reflect legal issues and ship 3D model support to production with the Commons community. Partners populate Commons with 3D files. |

STATUS: OBJECTIVE ON TRACK

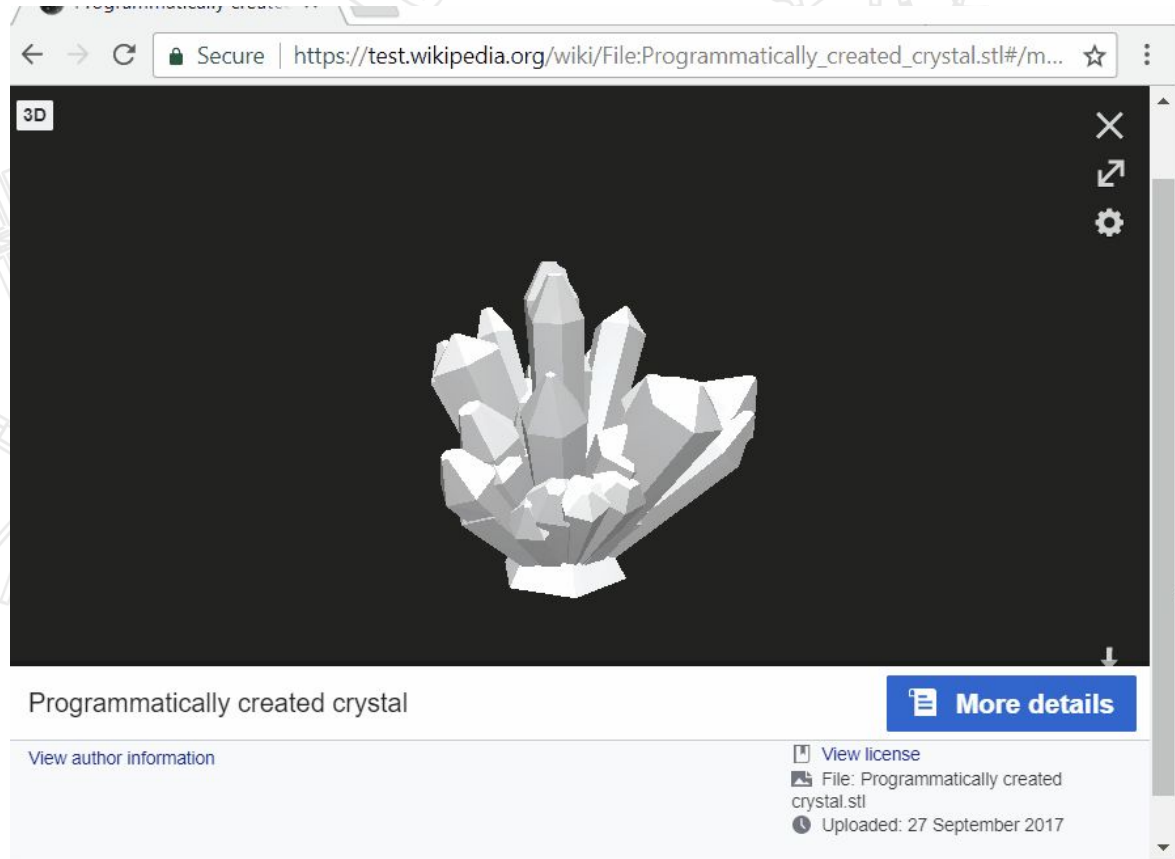
Oct 2017

Readers: Multimedia

4

The 3D extension of the MediaViewer allows interactive viewing of basic 3D geometry files that can be used for Computer Aided Design, games, 3D printing, etc.

[\[Live Demo link\]](#)



The screenshot shows a web browser window displaying a 3D model of a crystal structure. The browser's address bar shows the URL: `https://test.wikipedia.org/wiki/File:Programmatically_created_crystal.stl#/m...`. The 3D viewer interface includes a '3D' label in the top left, a close button (X), a refresh button, and a settings gear icon in the top right. The 3D model is a complex, multi-faceted crystal structure rendered in a light gray color against a dark background. Below the viewer, the title 'Programmatically created crystal' is displayed, followed by a blue 'More details' button. At the bottom, there are links for 'View author information', 'View license', and file information: 'File: Programmatically created crystal.stl' and 'Uploaded: 27 September 2017'.

Oct 2017

Readers: Multimedia4 [\[LINK\]](#)

Photo Credit: Joi Ito: CC-BY 2.0

Honoring the memory of Bassel Khartabil

Bassel was an important member of the Free Knowledge community. As founder of the #NEWPALMYRA project, he worked to preserve records of Syrian historical monuments via photographs which would later become the basis for 3D model representations.

The Syrian regime executed Bassel in 2015.

To honor his life, the first 3D model to be officially uploaded to Commons will be a file chosen by the #NEWPALMYRA project.

Readers Structured Data on Commons

Oct. 2017 quarterly check-in



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Structured Data on Commons Offsite: Montreal

Almost two
dozen team
members

Aug. 2017



Photo Credit: Joel Aufrecht: CC-BY-SA 4.0

Oct 2017

Readers: MultimediaStructured Data
on Commons**GOAL: Complete work on the MediaInfo extension for Wikibase**

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|---------------------------|--|
| Upgrade wiki upload workflows to support data entry and importation of configurable structured data, using Multi-Content Revisions-aware APIs and Wikibase on Commons. | LAST QUARTER | |
| | WMDE/Wikidata | Reached an agreement with Wikidata team to have Multimedia team finish outstanding work on this extension, which is a crucial part of the project |
| | NEXT QUARTER | |
| | WMDE/Wikidata | Release of a “feature complete” version of the extension that addresses issues with semantics/translations, referencing media by file name, and additionally unblocks next development tasks while expanding the number of internal WMF developers with Wikibase experience. |

STATUS: OBJECTIVE ON TRACK

Oct 2017

ReadersStructured Data
on Commons**GOAL: Create User Stories**

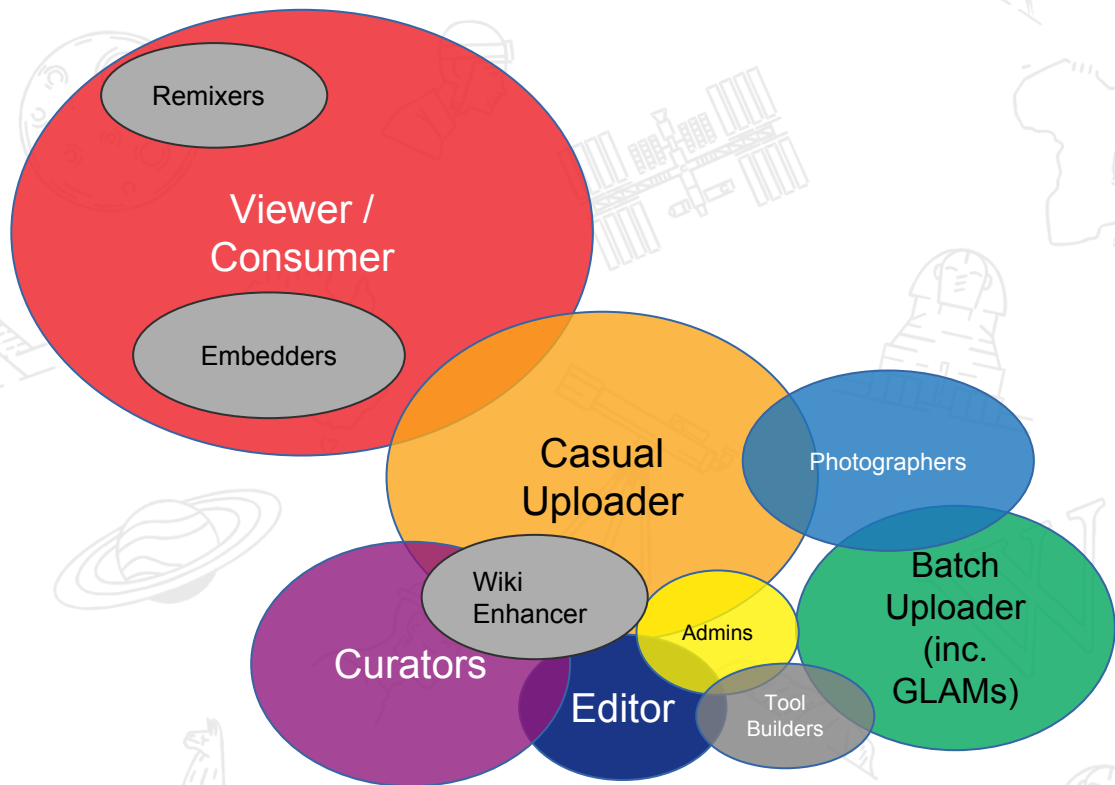
| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|--|---|
| Develop a better understanding of existing needs for Structured Data on Commons | LAST QUARTER | |
| | Reading, Community Programs, Research, Wikidata (WMDE), MediaWiki Core, Discovery/Search | Created 21 core user stories/epics that can be used to guide/inform upcoming development and planning. |
| | NEXT QUARTER | |
| | Reading, Community Programs, Research, Wikidata (WMDE), MediaWiki Core, Discovery/Search | Create updated, expanded, and refined user stories that reflect new discoveries and more detailed research. |

STATUS: OBJECTIVE ON TRACK

Oct 2017

Readers

Structured Data
on Commons



The first step of the process has been to achieve a deep understanding of the people who use Commons and their workflows.

Oct 2017

Structured Data on Commons

Stories and Epics like this one were developed with information from:

- Interviews conducted by J. Morgan and J. Curiel
- Input from Strategists and Community Liaisons
- Community feedback on RfC and talk pages



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As a Batch Uploader at a GLAM, I want the ability to download structured data for media in our Commons collection so we can put that info in our own databases.

Audiences Operations

The background features a light gray collage of various line-art icons. These include architectural structures like the Brandenburg Gate and the Eiffel Tower, geographical maps of North America, Australia, and South America, scientific symbols like the planet Saturn and a telescope, and other elements such as a stork, a kangaroo, a hard hat, a sphinx, a pyramid, a camera, a film strip, and a large letter 'W'.

Roles & Responsibilities

- Inter-departmental communication & collaboration:
 - Continued focus on improving Audience & Technology collaboration
- Audiences effectiveness:
 - Identify operational gaps that don't align with functional roles in Audiences
 - Have stepped into management role
 - Ensure effective communication channels within Audiences
 - Drive special programs as needed
 - TemplateStyles

WORKFLOW

| What is your workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|--|--|
| <p>Improving collaboration between Audiences and Technology</p> <p>Structure and guide team efficiencies within Audiences for Interim VP</p> | LAST QUARTER | <ul style="list-style-type: none"> ● Redefined role for Natalia's backfill req ● Proposed improved to current Scrum of Scrums format ● Facilitated retirement of CREDIT in favor of team specific demos ● Partnered in design of first of 4 New Editors workshops |
| | NEXT QUARTER | <ul style="list-style-type: none"> ● Hire 2 project managers ● Dive into CX ● Facilitate 4 New Editors workshops all in fully remote experimental format ● Facilitate Apps offsite |
| | <ul style="list-style-type: none"> ● Audiences ● Technology ● New Editors | |
| | | |

Wikidata



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Sep 2017

Wikidata

3

GOAL: Continue to assure the technical and social sustainability of Wikidata (software and community) as the central, structured knowledge data base for the Wikimedia movement and beyond.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|------------------------------------|---------------------------|---|
| Improve the usability of Wikidata | LAST QUARTER | |
| | | <ul style="list-style-type: none"> - Researched how and why people are editing Wikidata - User testing to figure out how to improve our input widgets and fixed some of the issues found (e.g. highlighting unrecognized input) - Experimented more with vue.js and made a plan for further steps - Rolled out constraints violation gadget and improved it based on feedback - Fixed handling of labels on redirects - Hiding language fallbacks for language variants |
| | NEXT QUARTER | |
| | KIT | <ul style="list-style-type: none"> - Investigate more powerful constraints via RDF Shape Expressions - More research how and why people are editing Wikidata with a focus on manual editing - Concept for improved input and display of labels/descriptions/aliases for different languages |

STATUS: OBJECTIVE IN PROGRESS

Douglas Adams (Q42)

English writer and humorist

Douglas Noël Adams | Douglas Noel Adams | Douglas N. Adams | DNA

Statements

native language

English ⓘ

▶ 1 reference

British English ⓘ

Potential issues



single value constraint Help

This property should only contain a single value. That is, there should only be one statement using this property.

enclave within



Brandenburg



Potential issues



type constraint Help

Entities using the **enclave within** property should be instances of **enclave** (or of a subclass of it), but **Berlin** currently isn't.

coordinate location



52° 31' N, 13° 23' E

languages spoken, written or signed English

Sep 2017

Wikidata

3

GOAL: Continue to assure the technical and social sustainability of Wikidata (software and community) as the central, structured knowledge data base for the Wikimedia movement and beyond.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---------------------------|--|
| Improve the documentation around Wikidata | LAST QUARTER | |
| | | - Improved documentation with the community at Wikimania hackathon (example) |
| | NEXT QUARTER | |
| | | - Support community in addressing common fears and objections towards Wikidata (example) |

STATUS: OBJECTIVE IN PROGRESS

Sep 2017

Wikidata

3

GOAL: Continue to assure the technical and social sustainability of Wikidata (software and community) as the central, structured knowledge data base for the Wikimedia movement and beyond.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|------------------------------------|---|---|
| Document data partnerships | LAST QUARTER | |
| | Talks with among others: Humboldt University, EU Publications Office Luxembourg, Sartle, Larsson Rosenquist Foundation, Canadian Meteorological Centre | Published 2 stories about successful partnerships: <ul style="list-style-type: none"> • Project Durchblick (glass slides at Humboldt University) • beaTunes (enriching an application for music playlist) |
| | NEXT QUARTER | |
| | | Publish at least 1 data partnership story |

STATUS: OBJECTIVE IN PROGRESS

Sep 2017

Wikidata

3

GOAL: Continue to assure the technical and social sustainability of Wikidata (software and community) as the central, structured knowledge data base for the Wikimedia movement and beyond.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|----------------------------|---|
| Keep the community involved, happy and connected | LAST QUARTER | |
| | Events team | <ul style="list-style-type: none"> - Organized WikidataCon (lead community processes, built the program, made sure people have the possibility to attend) - Organized community events during Wikimania (meetup, “ask us anything” session) |
| | NEXT QUARTER | |
| | Events team IF team | <ul style="list-style-type: none"> - Make the WikidataCon happen (final organization, volunteer coordination, leading the event, documenting) - Support volunteers to organize a Wikidata-WLM workshop |

STATUS: OBJECTIVE IN PROGRESS

Sep 2017

Wikidata

3

GOAL: Continue to increase the reach of Wikidata into the Wikimedia projects.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---------------------------|---|
| Provide structured data support for multimedia files to Wikimedia Commons | LAST QUARTER | |
| | WMF | <ul style="list-style-type: none"> - Implement Multi Content Revision-aware storage layer services for loading revisions and updating pages, initially using the <u>old db schema</u> - Feedback on MCR database schema - Plan and schedule schema migration - Published federation demo system |
| | NEXT QUARTER | |
| | WMF | <ul style="list-style-type: none"> - Implement Multi Content Revision-aware storage layer services for loading revisions and updating pages, now also for the <u>new database schema</u> - Finalize MCR database schema - Finalize data migration plan, run experiments |

STATUS: OBJECTIVE IN PROGRESS

Sep 2017

Wikidata

3

GOAL: Continue to increase the reach of Wikidata into the Wikimedia projects.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---------------------------|--|
| Support for storing lexicographical data in order to support Wiktionary | LAST QUARTER | |
| | | <ul style="list-style-type: none"> - Enabled Arbitrary Access for English Wiktionary to allow them to play around with more of the already existing non-lexicographical data - Demoed the current state of support for lexicographical data at Wikimania - Planned further work based on that feedback - Worked on persistent storage and API for lexicographical data |
| | NEXT QUARTER | |
| | | <ul style="list-style-type: none"> - Work on persistent storage and API for lexicographical data to get ready for a roll-out early next year - Make datatypes for linking to forms and senses work - Introduce support for derived labels/descriptions/aliases for displaying and search of lexemes, forms and sense |

STATUS: OBJECTIVE IN PROGRESS

(L15)

Leiter

de

 edit

noun in German

Statements

Morphology



German declination W1

 edit

▾ 0 references

+ add reference

+ add value

Grammatical gender



male

 edit

▾ 0 references

+ add reference

+ add value

Gendered form



Leiterin noun in German

 edit

▾ 0 references

+ add reference

+ add value

+ add statement

Sep 2017

Wikidata

3

GOAL: Continue to increase the reach of Wikidata into the Wikimedia projects.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---------------------------|---|
| Make ArticlePlaceholder pages discoverable by search engines in order to help small Wikipedias grow their reach | LAST QUARTER | |
| | WMF | <ul style="list-style-type: none"> – Increased number of placeholders for search engine indexing on cywiki – Rolled out ArticlePlaceholder on more wikis based on community demand (sqwiki, bnwiki) |
| | NEXT QUARTER | |
| | WMF | <ul style="list-style-type: none"> – Enable search engine indexing on more wikis that already have the ArticlePlaceholder – Roll out ArticlePlaceholder on more wikis depending on community demand |

STATUS: OBJECTIVE IN PROGRESS

Sep 2017

Wikidata

3

GOAL: Continue to increase the reach of Wikidata into the Wikimedia projects.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|--|---------------------------|--|
| Make using Wikidata data on the other Wikimedia wikis easier | LAST QUARTER | |
| | WMF | <ul style="list-style-type: none"> - Made plan for “Magic Infoboxes” - Gained further insights into usage of Wikidata data on Wikimedia projects by building the Wikidata Concept Monitor - Rolled out fine grained usage tracking to first wiki (elwiki) |
| | NEXT QUARTER | |
| | WMF | <ul style="list-style-type: none"> - Roll out fine grained usage tracking to more wikis to assess scalability and improve it - Make plan for change dispatching scaling |

STATUS: OBJECTIVE IN PROGRESS

Sep 2017

Wikidata

3

GOAL: Continue to increase the reach of Wikidata into the Wikimedia projects.

| What is your objective / workflow? | Who are you working with? | What impact / deliverables are you expecting? |
|---|---------------------------|---|
| Automated creation/update of list articles based on queries to Wikidata | LAST QUARTER | |
| | | – Experimented with building a query builder that editors can use to build queries that will update list articles automatically |
| | NEXT QUARTER | |
| | FU Berlin | – Developing a query builder prototype that allows users with limited SPARQL knowledge to generate their own queries |

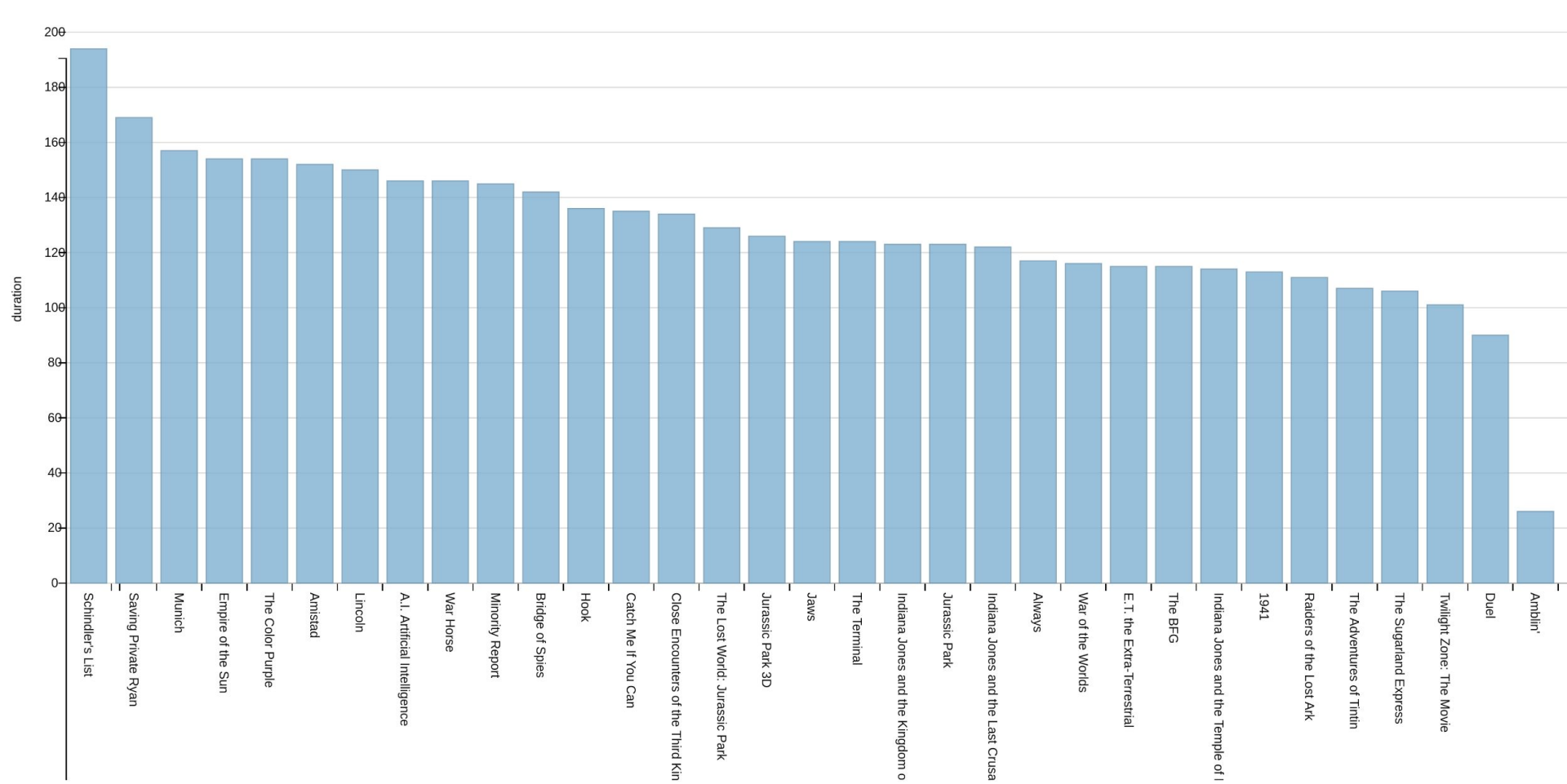
STATUS: OBJECTIVE IN PROGRESS

Other noteworthy stuff (including work by volunteers and WMF)

- [Documentation page about how to use Wikidata's data in Wikimedia projects](#)
- [Tool to follow constraint violation changes over time](#)
- [Tool to get statistics about edits to a group of items](#)
- [Tool for official Wiki Loves Monuments competition](#)
- [Tool to explore the ontology of Wikidata](#)
- [Wikidata Flashmob](#)
- Alexa skill developed by Metaphacts, Siri is making use of Wikidata data and Ask Platypus speaks Spanish now
- Improved ORES accuracy
- Search improvements (ready for rollout in coming quarter)
- Full URIs for external identifiers in RDF export
- Lots of workshops and talks (Asaf's tour, Celtic Knot conference, Africa Open Data Conference, WikiWomenCamp, Chinese Academy of Science, Wikimania, Wikidata Zurich, WikiCon ...)
- We passed 7 statements/item on average

| obj | objLabel | objDescription | nom | nomLabel | nomDescription |
|--|-------------------------------|---|--|----------------------------|--|
| Q wd:Q577449 | Albert Einstein ATV | European unmanned cargo resupply spacecraft | Q wd:Q937 | Albert Einstein | German-born physicist and founder of the theory of relativity |
| Q wd:Q46611 | Apollo space program | American human spaceflight program | Q wd:Q37340 | Apollo | god in Greek mythology |
| Q wd:Q19759 | Astrid | Swedish Satellite Launch Vehicle named after Astrid Lindgren | Q wd:Q55767 | Astrid Lindgren | Swedish writer of fiction and screenplays |
| Q wd:Q54381 | Atlantis | space shuttle orbiter | Q wd:Q1262390 | RV Atlantis | sailboat of the Woods Hole Oceanographic Institution |
| Q wd:Q2548 | Buran | Soviet orbital vehicle | Q wd:Q1572791 | Buran | wind |
| Q wd:Q2941291 | Cassini | space probe that went to Saturn, part of Cassini–Huygens mission | Q wd:Q14279 | Giovanni Domenico Cassini | Italian/French mathematician, astronomer, engineer, and astrologer |
| Q wd:Q165585 | Cassini–Huygens | spacecraft sent to the Saturn system | Q wd:Q14279 | Giovanni Domenico Cassini | Italian/French mathematician, astronomer, engineer, and astrologer |
| Q wd:Q165585 | Cassini–Huygens | spacecraft sent to the Saturn system | Q wd:Q39599 | Christiaan Huygens | Dutch mathematician and natural philosopher |
| Q wd:Q54382 | Challenger | space shuttle orbiter | Q wd:Q119397 | HMS Challenger | Pearl-class corvette |
| Q wd:Q49002 | Chandra X-ray Observatory | space observatory | Q wd:Q148109 | Subrahmanyan Chandrasekhar | Physicist |
| Q wd:Q1061879 | Chang'e 3 | lunar exploration mission operated by the China National Space Administration | Q wd:Q466462 | Chang'e | Chinese mythical figure |
| Q wd:Q49055 | Clementine | American space probe | Q wd:Q1153154 | Oh My Darling | song |
| Q wd:Q41519 | Compton Gamma Ray Observatory | space observatory | Q wd:Q127944 | Arthur Compton | American Physicist |

[spacecrafts or missions and what they are named after](#)



[lengths of Steven Spielberg's films](#)

| name | nameLabel | women | total | ratio | diffFrom5050 |
|----------------------------|-----------|-------|-------|------------------------|------------------------|
| Q:637123 | Kim | 331 | 725 | 0.45655172413793103448 | 0.04344827586206896552 |
| Q:336878 | Jo | 186 | 462 | 0.4025974025974025974 | 0.0974025974025974026 |
| Q:1333594 | Kari | 179 | 425 | 0.42117647058823529412 | 0.07882352941176470588 |
| Q:2655374 | Ashley | 186 | 404 | 0.46039603960396039604 | 0.03960396039603960396 |
| Q:1574910 | Laurie | 118 | 283 | 0.41696113074204946996 | 0.08303886925795053004 |
| Q:13403801 | Lindsay | 110 | 245 | 0.44897959183673469388 | 0.05102040816326530612 |
| Q:16568731 | Kay | 136 | 244 | 0.55737704918032786885 | 0.05737704918032786885 |
| Q:650494 | Vivian | 140 | 234 | 0.5982905982905982906 | 0.0982905982905982906 |
| Q:19768403 | Courtney | 91 | 176 | 0.51704545454545454545 | 0.01704545454545454545 |
| Q:19688886 | Tone | 83 | 159 | 0.52201257861635220126 | 0.02201257861635220126 |
| Q:11279730 | Kristen | 88 | 149 | 0.59060402684563758389 | 0.09060402684563758389 |
| Q:1728281 | Kaoru | 65 | 130 | 0.5 | 0 |
| Q:493293 | Andrea | 47 | 106 | 0.44339622641509433962 | 0.05660377358490566038 |

[most gender neutral give names](#)

Recommended reading/viewing

- [A Glimpse into Babel: An Analysis of Multilinguality in Wikidata](#)
- [What do Wikidata and Wikipedia have in common? An analysis of their use of external references](#)
- [Integrating Wikidata and other linked data sources – Federated SPARQL queries](#)
- [A visual exploration of musical bands on Wikidata](#)
- [Bericht vom Wikidata-Wahldaten-Workshop](#)
- [Using Wikidata as an open, community-maintained database of biomedical knowledge](#)
- [Data Partnerships with Wikidata: beaTunes](#)
- [Exploring the world with Wikidata and OpenStreetMap](#)
- [Why data partners should link their vocabulary to Wikidata: a new case study](#)
- [Wikimania 2017: The \(Wiki\)Data \(R\)Evolution + Bringing Lexicographical Data to Wikidata](#)
- [Creating parliament charts with Wikidata](#)
- [When Westminster Was Wikified](#)
- [Bridging real and fictional worlds](#)
- [Weekend at the Museum \(of Brittany\)](#)

