

Multimedia Quarterly Review

Wikimedia Foundation mediawiki.org/wiki/Multimedia

Agenda

- 10:30 am **2013 Projects**
- 10:45 am Multimedia vision
- 11:00 am **2014 Projects**
- 11:45 pm Next steps
- 12:00 pm Meeting ends

^{*} All times above are Pacific time (UTC-8)

Mission

Here is our proposed mission for fiscal year 2013-14:

- engage users through multimedia
- provide a seamless experience
- make things 'just work'

Goals

Here are our product goals for coming years:

• improve the viewing experience



enable seamless contributions



develop feedback / curation tools



help editors add media to articles



• engage users in **media campaigns**



2013 Projects

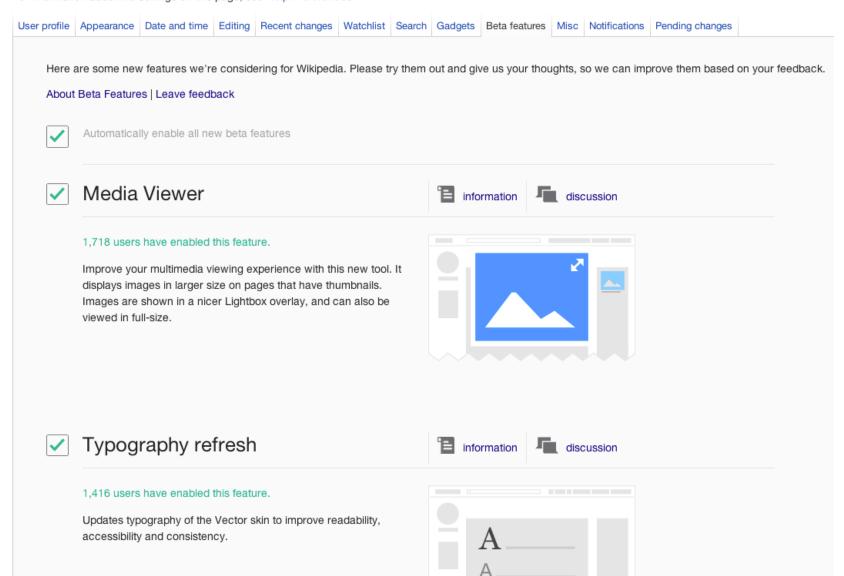
Here are key projects we took on in our first 6 months (Q1 + Q2):

- Beta Features (try new features before their wide release)
- Media Viewer (see images in large size, on the same page)
- Upload Tools (fix bugs, GLAM batch upload tool)
- Hire Team (3 hired, 1 to go)
- Vision & Plans (multimedia map, 2016 Vision)
- **Discussions** (fix bugs, GLAM batch upload tool)

Beta Features

Preferences

For information about the settings on this page, see Help:Preferences.



Beta Features

Purpose

- Try out new features before they are released
- Let developers test with many users, without disrupting others

Users

• Logged-in users only (over 5,000 so far)

First Features

- *Media Viewer* view images in large or full size
- Typography Refresh make text more readable
- *VisualEditor Formulæ* edit algebra or equations

Demo

Beta Features Users

Media Viewer on top 10 sites	% Total	Tue. Dec. 3
English Wikipedia	39%	1,718
MediaWiki.org	17%	729
Commons	13%	548
French Wikipedia	7%	304
Spanish Wikipedia	7%	302
German Wikipedia *	6%	276
MetaWiki	4%	192
Italian Wikipedia	4%	192
Portuguese Wikipedia	2%	103
Polish Wikipedia *	1%	28
Total across sites above	100%	4,364

^{*} Disabled prominent beta link. <u>Source: Wikimedia Foundation</u> >

Media Viewer











Media Viewer

Purpose

- Offer a better viewing experience
- Engage more users through images

Users

• All users (logged-in during Beta)

Features

- Show large or full screen images
- Display useful info below images
- Full screen
- Next/previous

<u>Demo</u>

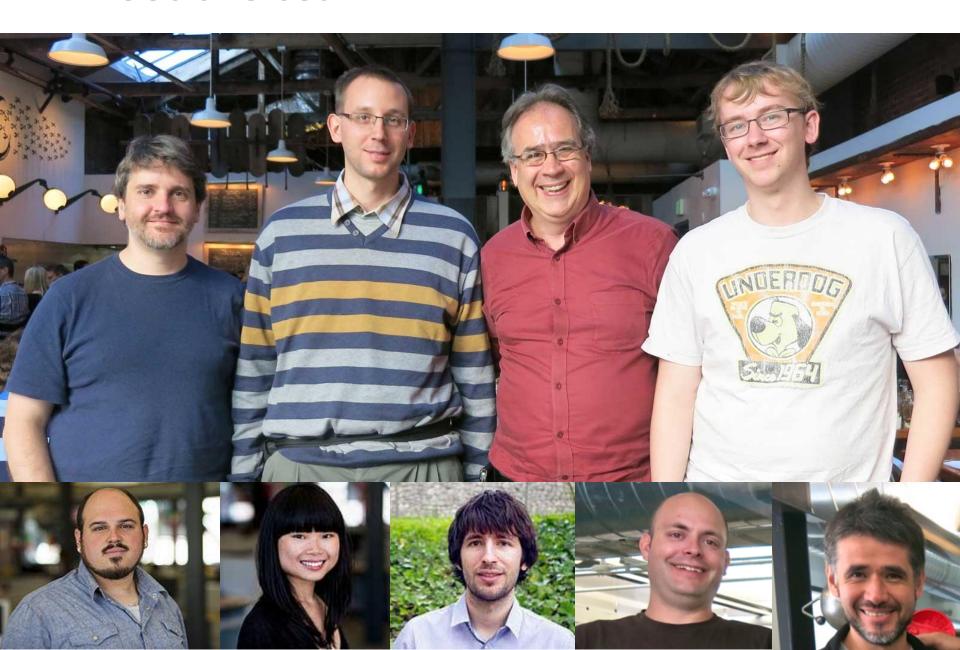
Media Viewer Stats

Cumulative events *	% Total	Sun. Dec. 1
Thumbnail clicks	100%	5,683
Close button	58%	3,298
Full-screen button	9%	484
De-full-screen	3%	197

Daily events	% Total	Fri. Nov. 28
Thumbnail clicks	100%	269
Close button	57%	153
Full-screen button	7%	19
De-full-screen	4%	11

^{*} Event logs on Commons from Nov. 7 to Dec. 1, 2013 - Source: Wikimedia Foundation >

Meet the team



2016 Vision

How will we use multimedia in 3 years?

Here's one possible scenario ...



Kim visits Wikipedia and views media-rich, informative content.



Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia

Wikimedia Shop

- ▶ Interaction
- ▶ Toolbox
- Print/export

LanguagesCatalà

Cebuano

Deutsch Español

Esperanto

Euskara

Français

Magyar

日本語

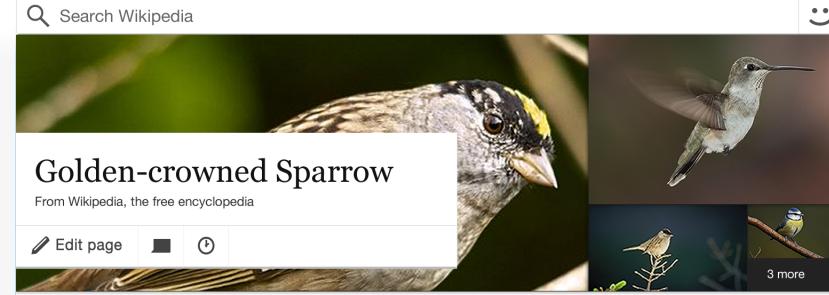
Русский

Svenska

Tiếng Việt

Winaray

٠.



The **Golden-crowned Sparrow** (*Zonotrichia atricapilla*) is a large American sparrow found in the western part of North America.



Systematics [edit]





Scientific classification

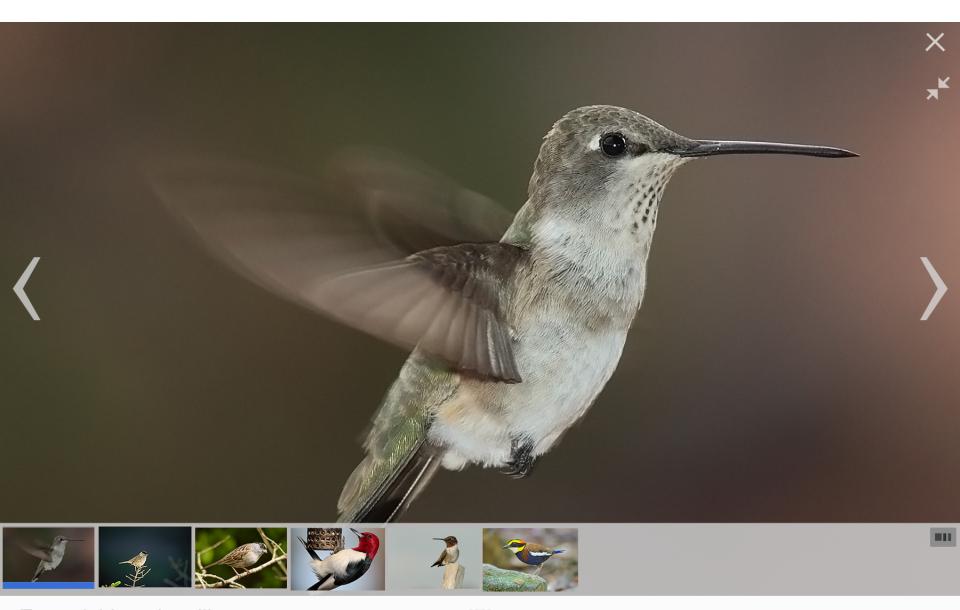
Kingdom Animalia
Phylum Chordata
Class Aves

Kim **views** multimedia files in larger size.



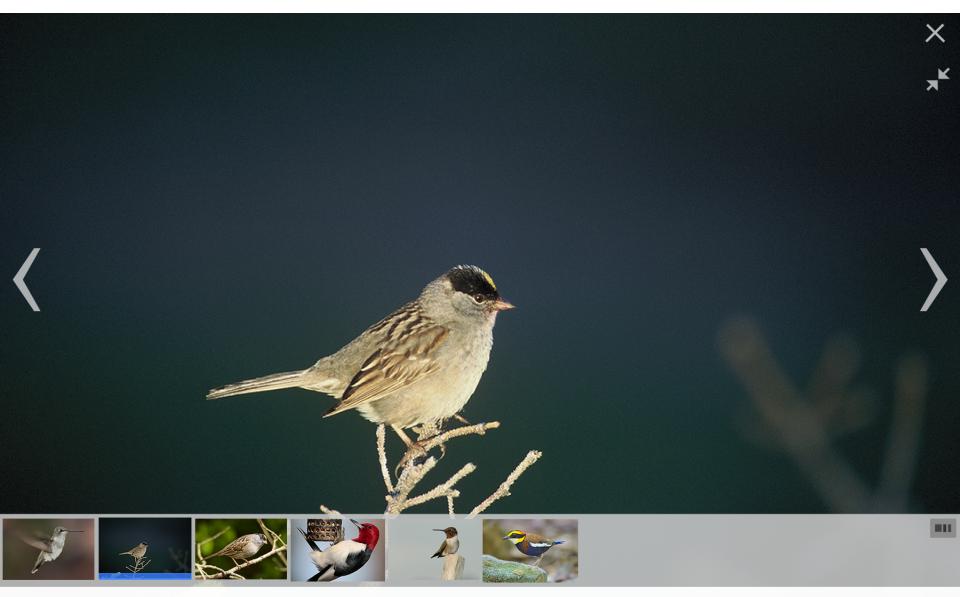


Kim **previews** a collection of multimedia files for this article.

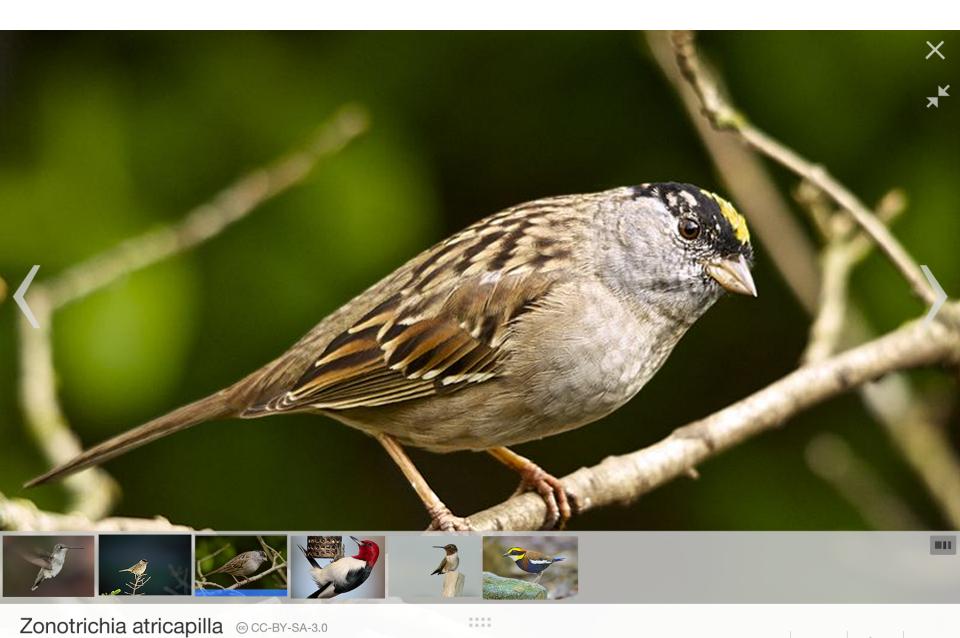




Kim **browses** through several multimedia files in larger size.



Kim **browses** through several multimedia files in larger size.





Kim finds this image helpful, clicks **thanks** to give **positive feedback**.





Kim thanks the uploader, to give feedback on an image she found useful.

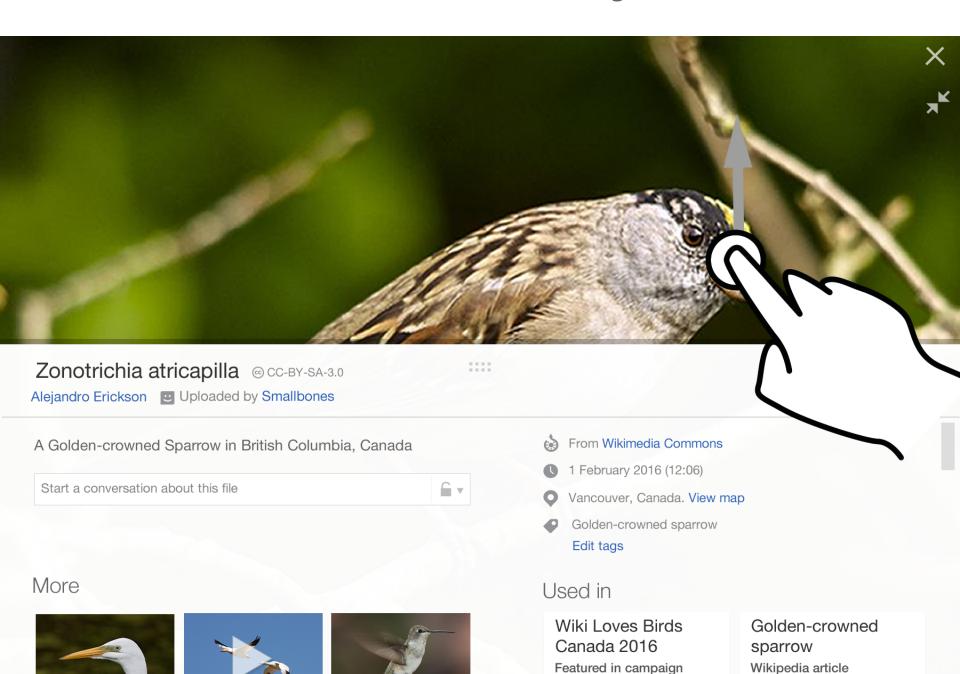




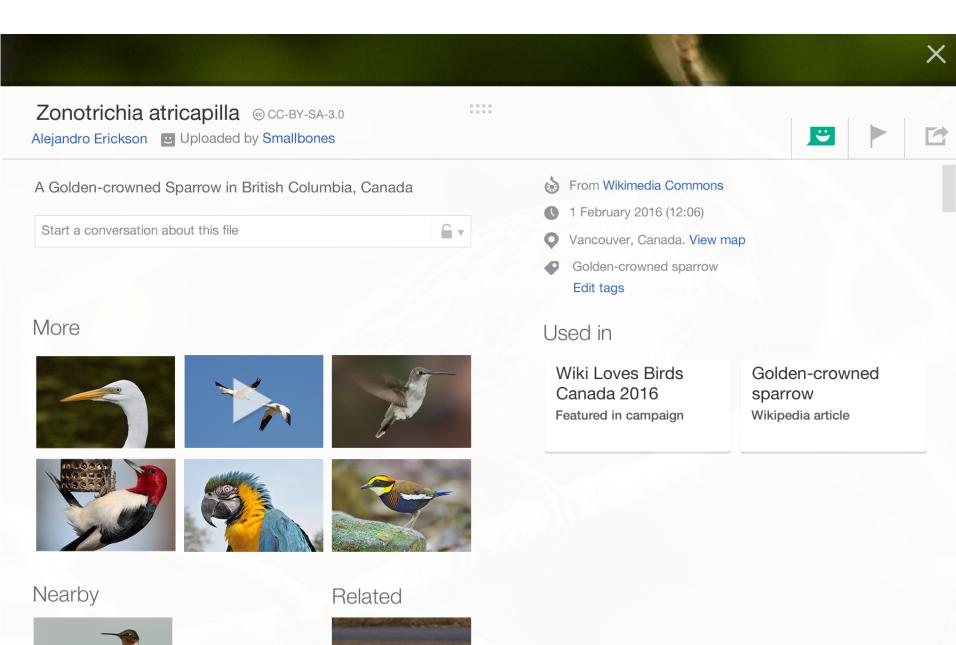




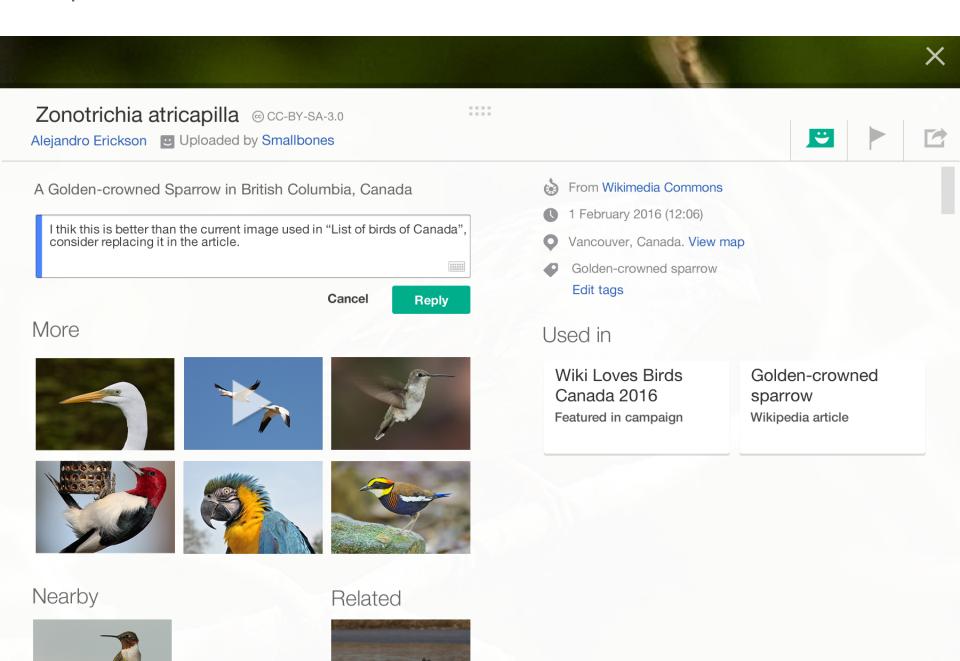
Kim scrolls down to see **more info** on that image.



Kim wants to add a **comment** about this image.



Kim posts a **comment**, then clicks on a **media contest** it is featured in.



Wiki Loves Birds 2016 Canada

Log in

The contest around birds in Canada













View all 685 submissions

Today we are looking for

Red-throated Loon Gavia stellata Submit Black-footed Albatross Phoebastria nigripes Submit Violet-green Swallow Tachycineta thalassina Submit

Join the contest

Upload pictures or videos, and review submissions form other users. Learn more

834 participants

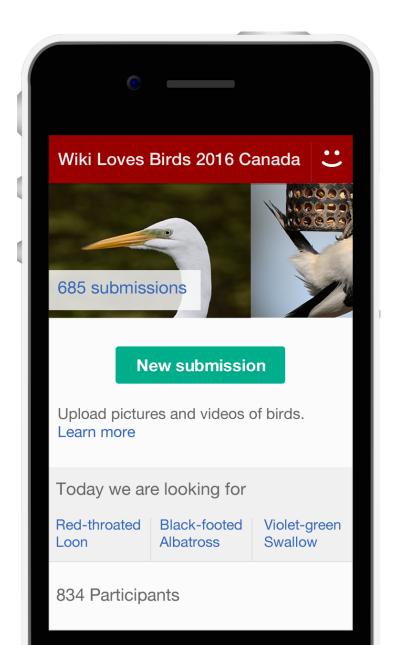
	User	Submissions		
1	Smallbones	52		
2	Jan PhotoGuy	46		
3	Kim Robin	41		
4	Rob Kinen	29		
5	Kob Binen	22		
View all participants				

A few days later: Kim **shoots** a **video** of a bird from her mobile ...

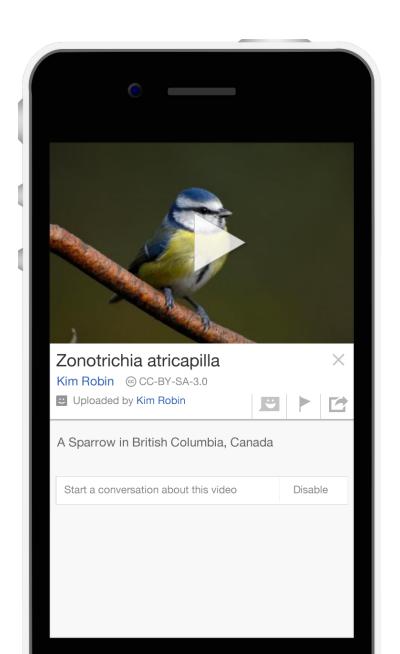




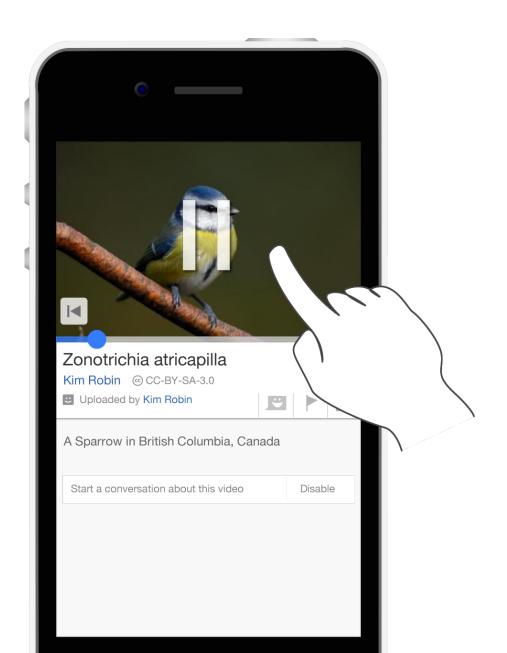
Kim goes to the **mobile contest** to **upload** her file.



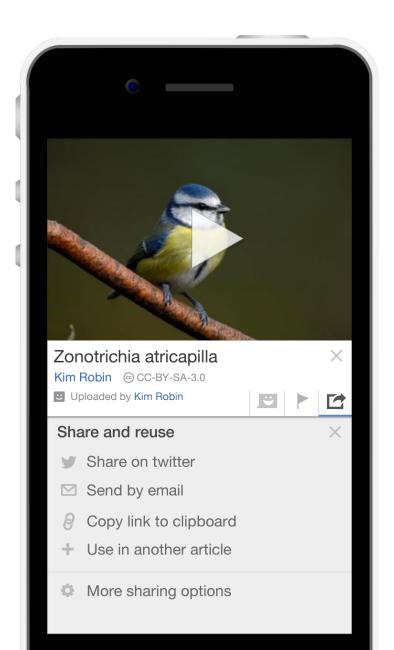
Kim **views** the **video** she just uploaded from her mobile.



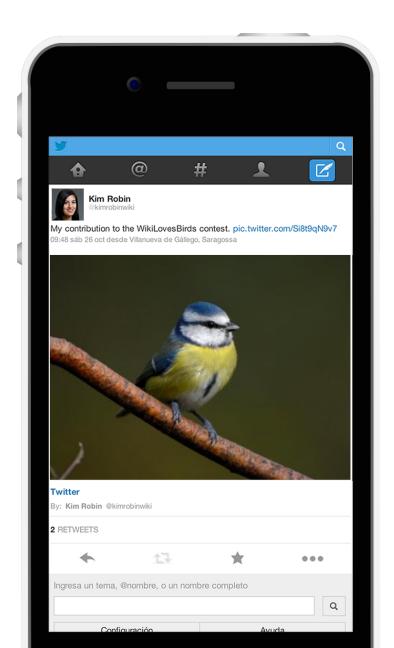
The video looks good, time to share it with her community.



Kim **shares** her video on Twitter, invites her followers to join the contest.



Kim views her tweet with the video, notices it's been retweeted already.



Meet Jan

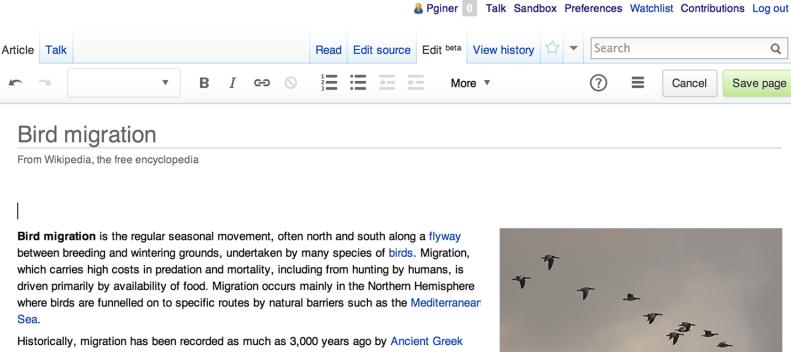
- Biologist
- Lives in Europe
- Experienced editor on
 Wikipedia and Commons
- Likes taking photos with his pro Digital SLR Camera
- Campaign organizer for Wiki Loves Birds



Jan is **editing** a Wikipedia article, wants to add **multimedia**.



Hrvatski

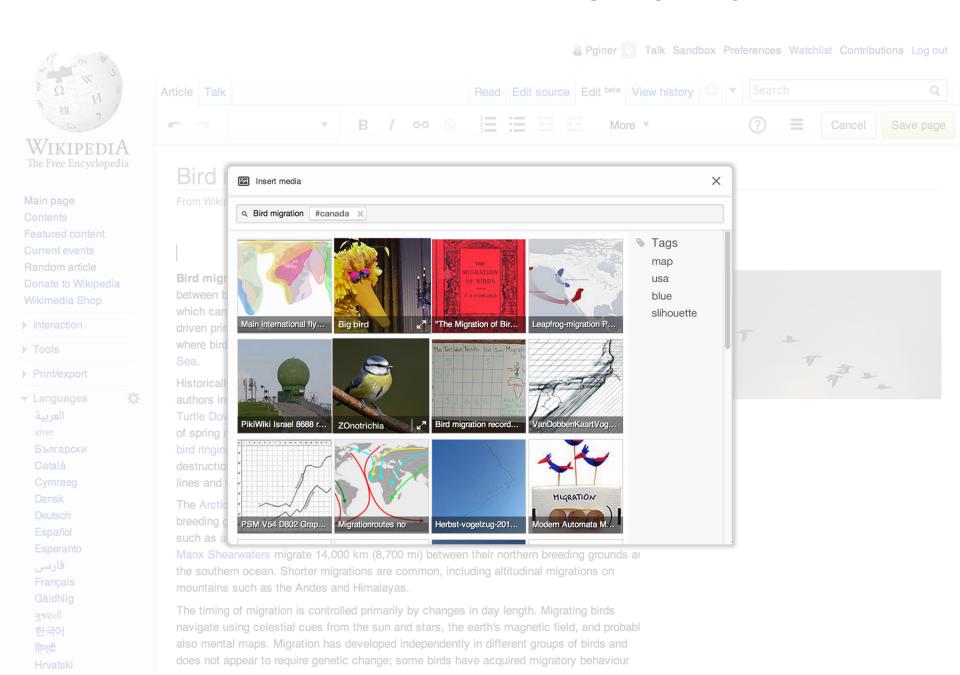


Historically, migration has been recorded as much as 3,000 years ago by Ancient Greek authors including Homer and Aristotle, and in the Book of Job, for species such as storks, Turtle Doves, and swallows. More recently, Johannes Leche began recording dates of arriva of spring migrants in Finland in 1749, and scientific studies have used techniques including bird ringing and satellite tracking. Threats to migratory birds have grown with habitat destruction especially of stopover and wintering sites, as well as structures such as power lines and wind farms.

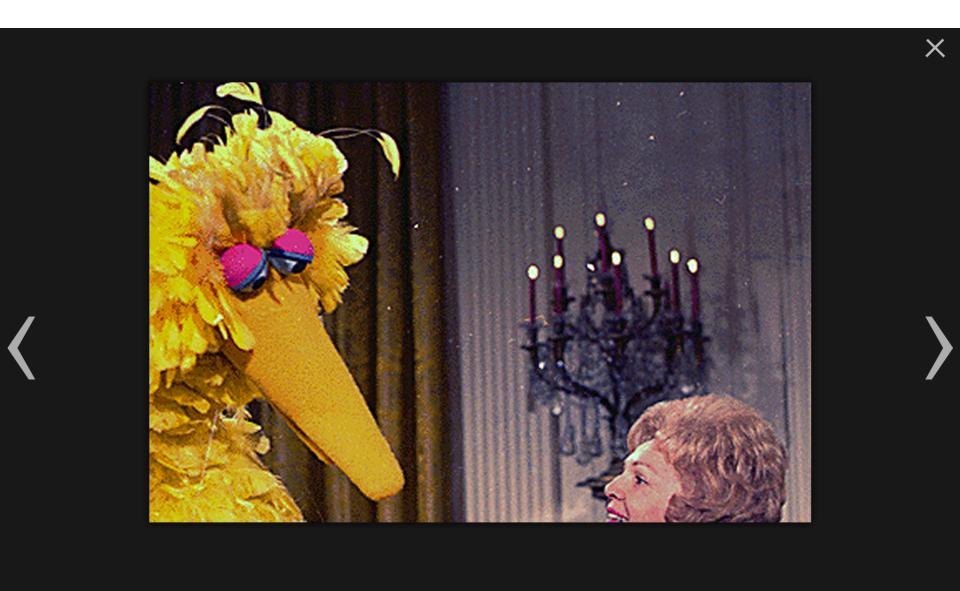
The Arctic Tern holds the long-distance migration record for birds, travelling between Arctic breeding grounds and the Antarctic each year. Some species of tubenoses (Procellariiforme such as albatrosses circle the earth, flying over the southern oceans, while others such as Manx Shearwaters migrate 14,000 km (8,700 mi) between their northern breeding grounds at the southern ocean. Shorter migrations are common, including altitudinal migrations on mountains such as the Andes and Himalayas.

The timing of migration is controlled primarily by changes in day length. Migrating birds navigate using celestial cues from the sun and stars, the earth's magnetic field, and probabl also mental maps. Migration has developed independently in different groups of birds and does not appear to require genetic change; some birds have acquired migratory behaviour

Jan searches for media for his article ... using simple keywords.

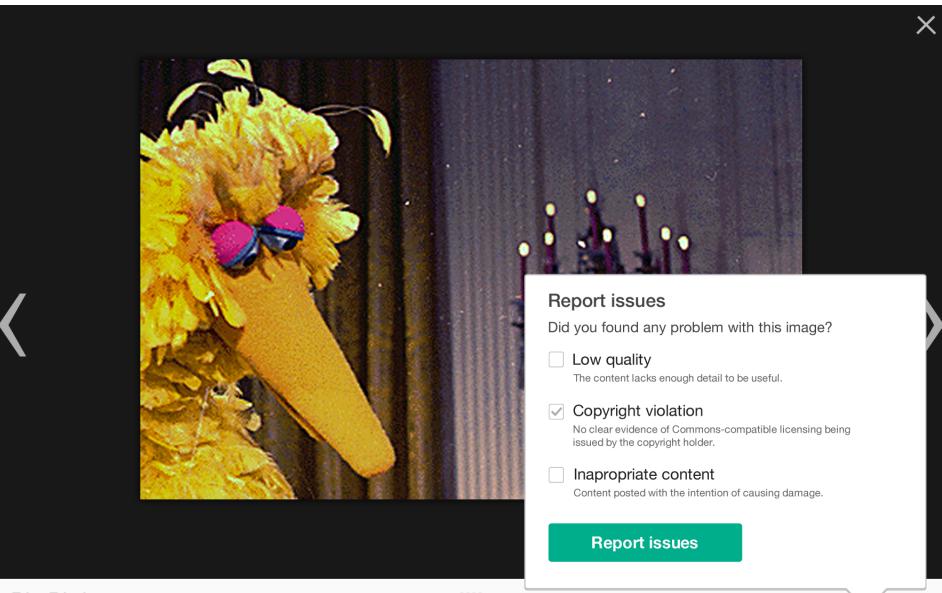


Jan finds a file with a copyright **issue**, wants to **report it**.



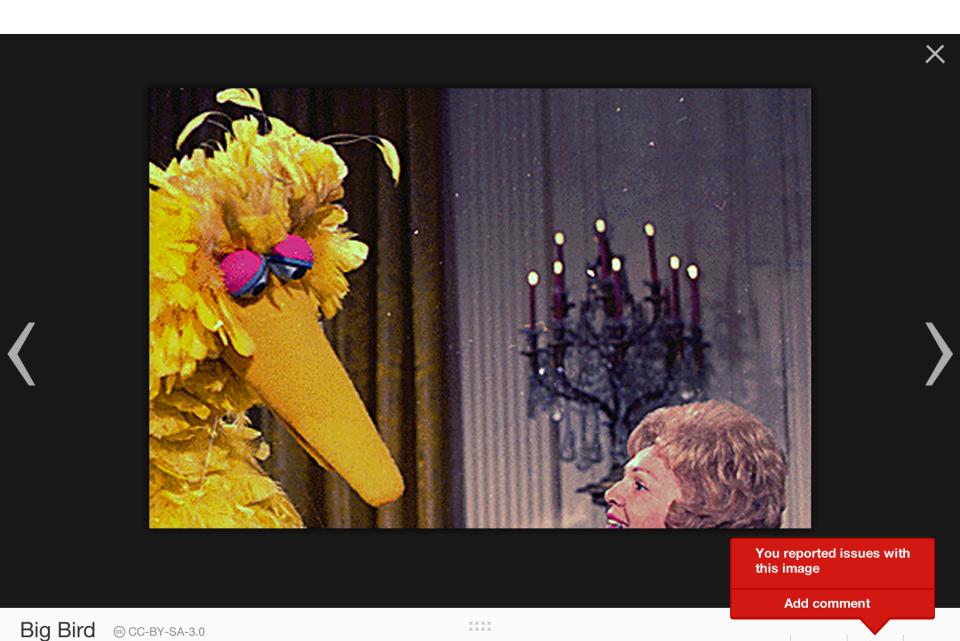


Jan **flags** the file, **reports** the copyright issue.

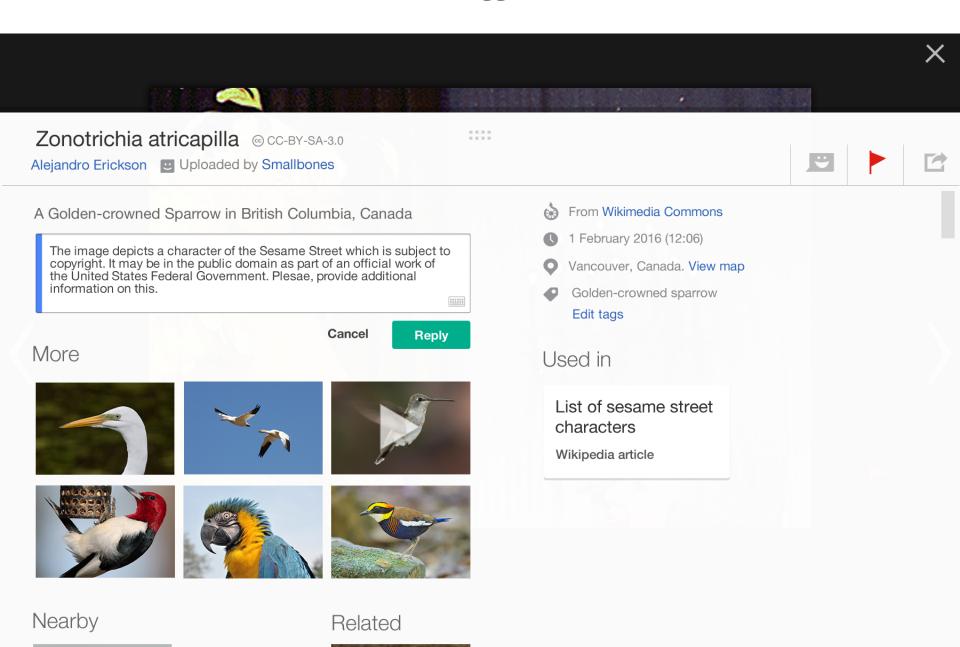




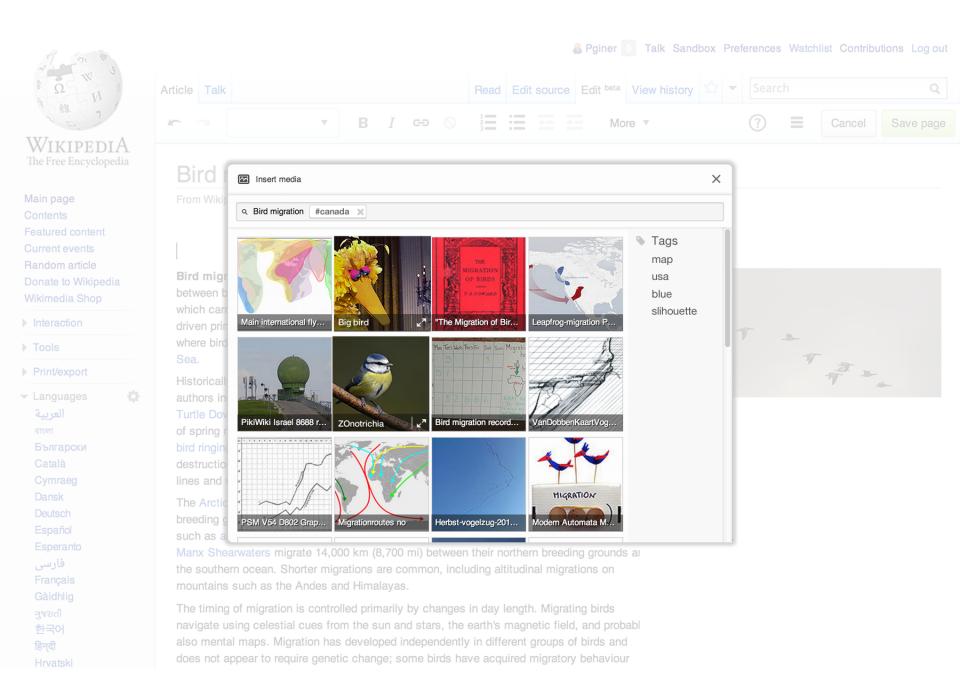
Jan has **flagged** the file, and is now prompted to add a **comment**.



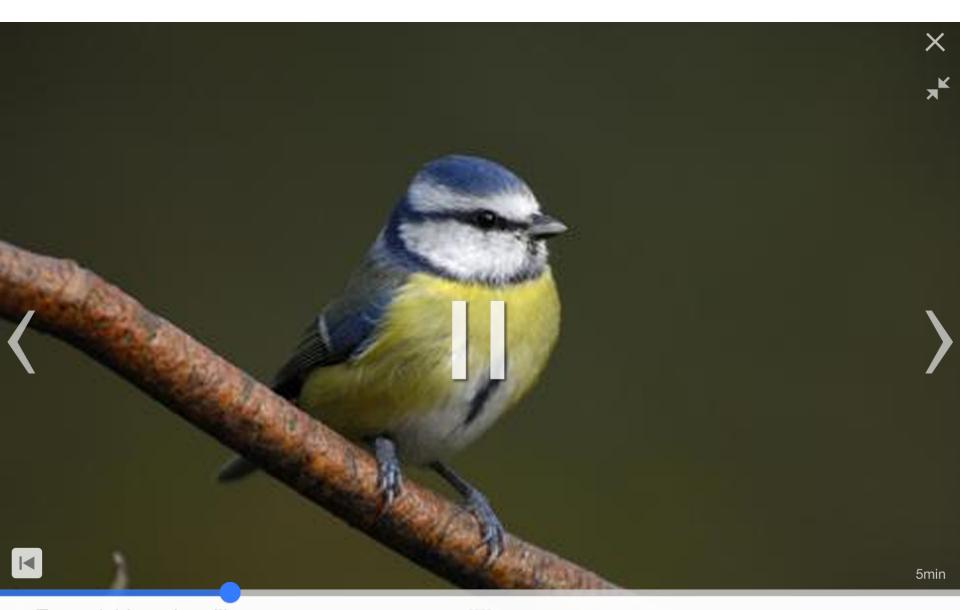
Jan adds a **comment** about the flagged file.



Jan goes back to his search, **finds** Kim's **related video**.

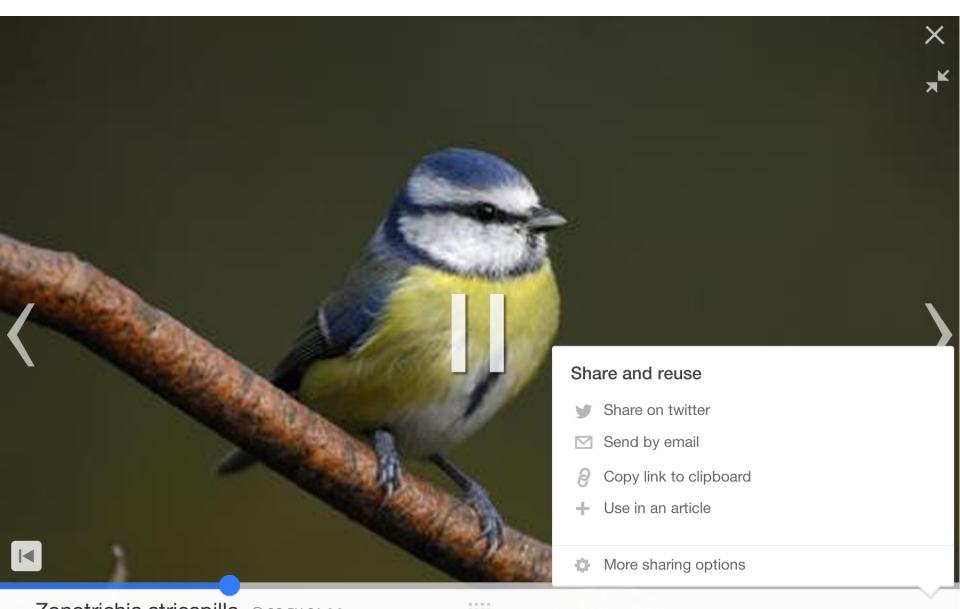


Jan views Kim's related video, and wants to use it.



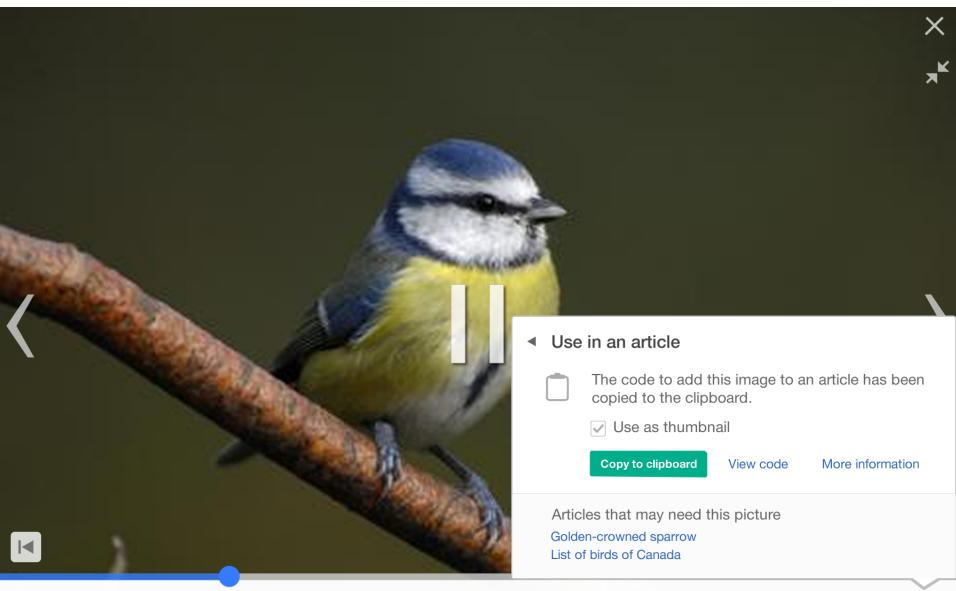


Jan clicks on 'Share' to **use** Kim's file in his article.





Jan **uses** Kim's file in his article -- with helpful tips along the way.







Jan is now **using** Kim's video in his Wikipedia article.



Main page Contents Featured content Current events Random article Donate to Wikipedia Wikimedia Shop

Interaction ▶ Tools

Print/export

Languages العربية বাংলা

Български

Català

Cymraeg

Dansk

Deutsch

Español

Esperanto

فارسى

Français

Gàidhlig

ગુજરાતી 한국어

हिन्दी Hrvateki



Bird migration

From Wikipedia, the free encyclopedia

Bird migration is the regular seasonal movement, often north and south along a flyway between breeding and wintering grounds, undertaken by many species of birds. Migration, which carries high costs in predation and mortality, including from hunting by humans, is driven primarily by availability of food. Migration occurs mainly in the Northern Hemisphere where birds are funnelled on to specific routes by natural barriers such as the Mediterranean Sea.

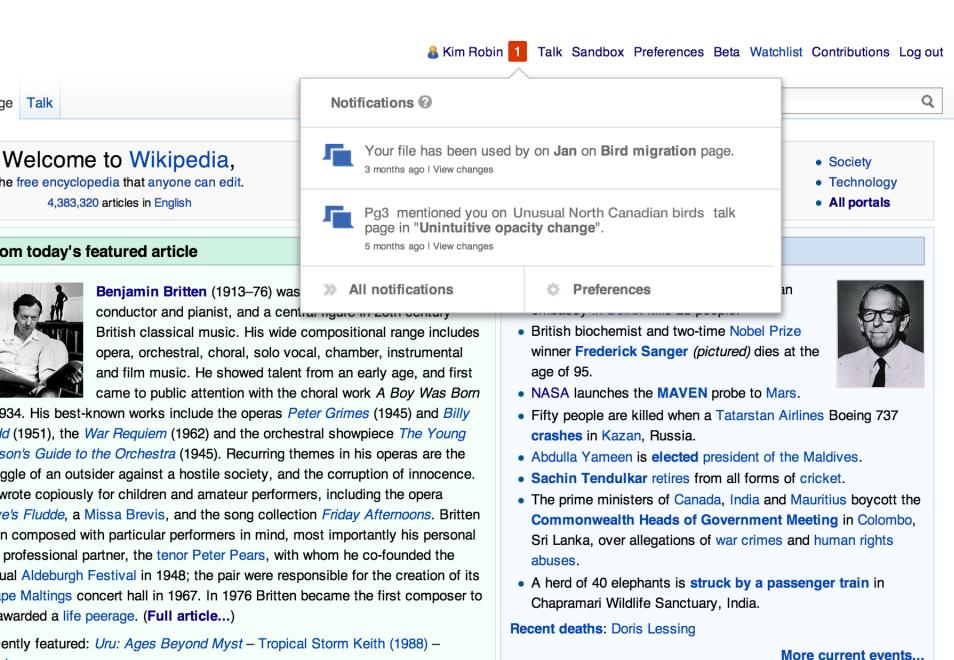
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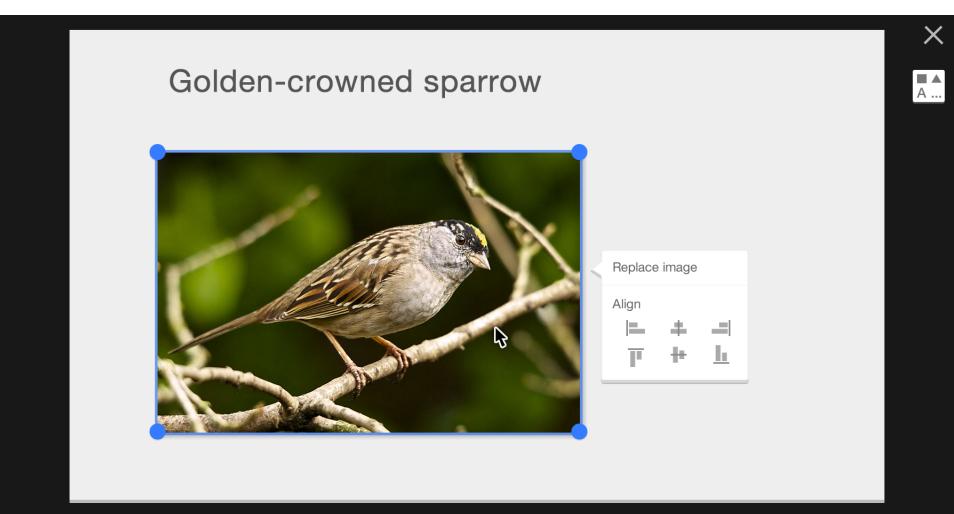


Kim gets **notified** that her video is now used in Jan's article.



nbeosaurus

She connects with Jan, they collaborate to create a simple slideshow.















They add a Wikimap at the end of their slideshow.

















They add a Wikimap at the end of their slideshow.

















They add a Wikimap at the end of their slideshow.

















They add the **slideshow** to the **contest page**, so others can **improve** it.

Wiki Loves Birds 2016 Canada

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The contest around birds in Canada



View all 685 submissions

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Red-throated Loon Gavia stellata Submit Black-footed Albatross Phoebastria nigripes Submit Violet-green Swallow Tachycineta thalassina Submit

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View all participants		

Our vision for 2016 ...

Engage and collaborate with multimedia

What we do today with text ... but with more compelling media that engages more people.

Key ingredients



A new way to learn



More audio + video



Smooth uploads



Structured data



Easy feedback



Group editing



Social interactions

2014 Projects

2014 Projects (first 6 months)

We are considering these projects for the rest of fiscal year 2013-14 (Jan.-Jun.):

- Media Viewer +
- **A** Upload Pipeline
- Video / Audio (based on RfC)
- File Feedback (start w/ positive feedback)
- File Notifications
- More Technical Debt

2014 Projects (next 6 months)

We are considering these projects for the start of fiscal year 2014-15 (Jul.-Dec.):

- **Structured Data** (with Wikidata)
- **Better Search** (with Platform/VE teams)
- Campaign Tools (with Mobile team)
- File Feedback (continued, using Flow and Wikidata)
- **More Technical Debt**

Media Viewer +











Media Viewer +

Purpose:

- Provide a richer viewing experience
- Engage more users to contribute

Users:

All users, once Beta is over

Next Features:

- Improve **performance** (load faster)
- Browse through related media files
- Play audio/video files and PDF slides
- Invite more users to **share** and **reuse** files
- Support for plugins by other developers

New Demo: <u>multimedia-alpha.wmflabs.org/wiki/Lightbox_demo</u>

Upload Pipeline

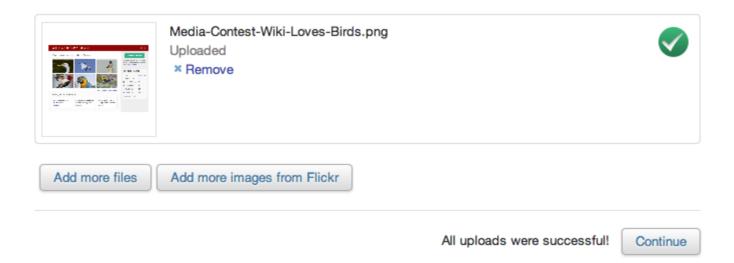
Upload Wizard

Thanks for using our new upload tool! Leave feedback · Help with translations · Back to the old form



Please visit Commons: Upload help if you need to ask questions about uploading files.

Learn Upload Release rights Describe Use



1 of 1 file uploaded

Upload Pipeline

Purpose:

- Provide a smoother upload experience
- Engage more users to contribute

Users:

Logged-in users

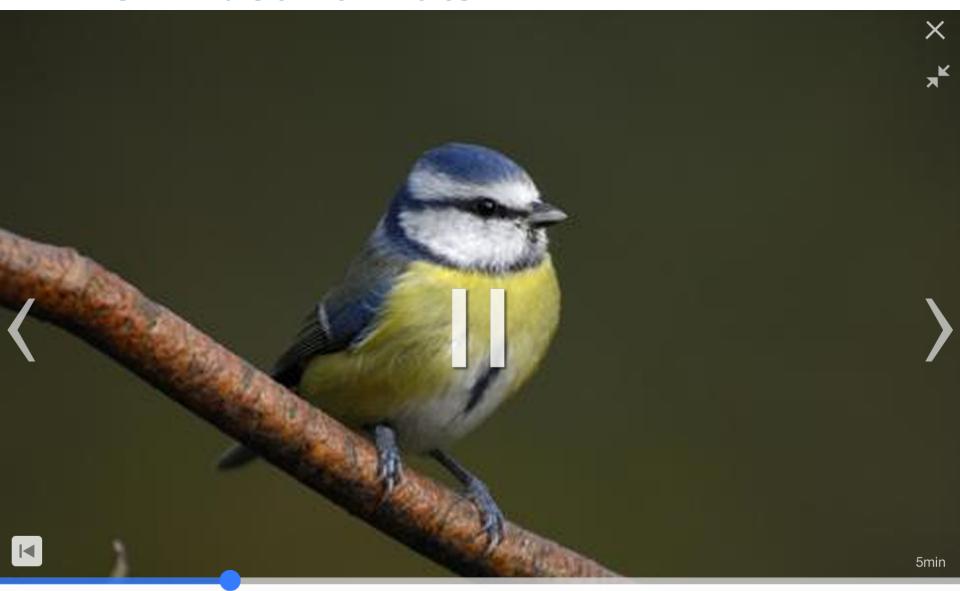
Tasks:

- Add more unit tests
- Fix high priority bugs
- Incremental refactoring
- Improve user experience
- Time-boxed: a few sprints each quarter

New Video Formats



New Video Formats





New Video Formats

Purpose:

- Support popular video formats like MPEG-4 *
- Enable more users to view video (e.g. on mobiles)
- Enable more users to contribute video

Users:

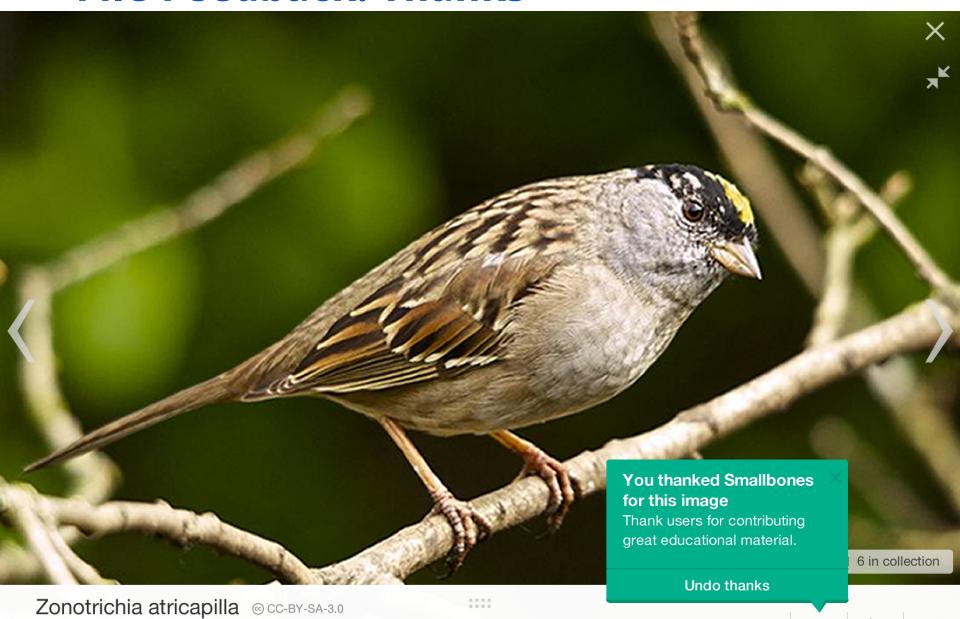
All users

Features:

- View MPEG-4 video files (on desktop or mobile devices)
- Contribute MPEG-4 video files (on desktop or mobile devices)
- Store files in both open source and MPEG-4 formats *

^{*} To be discussed in Request for Comments (RfC) in mid-December

File Feedback: Thanks

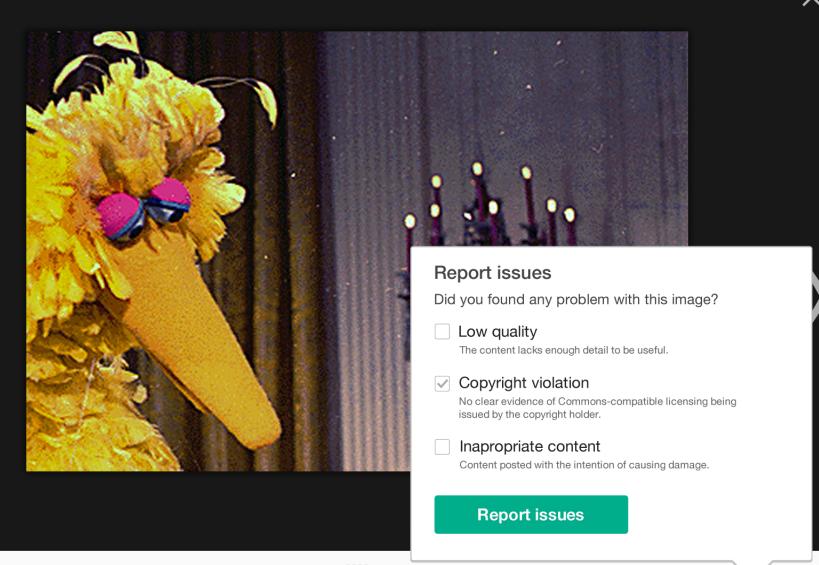




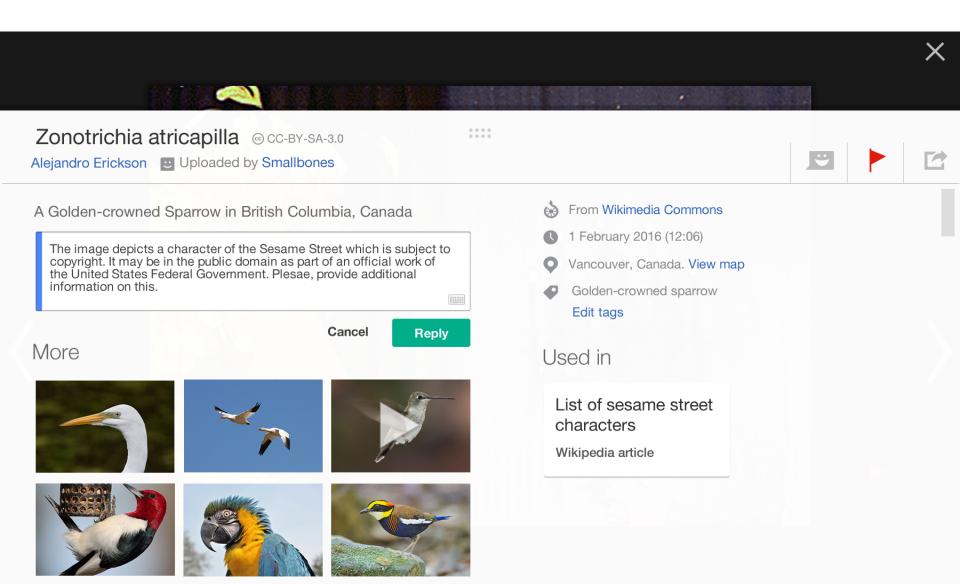




File Feedback: Flag



File Feedback: Discussion



Nearby

Related

File Feedback

Purpose:

- Surface useful files
- Report / flag issues
- Engage more users to contribute
- Help curate content

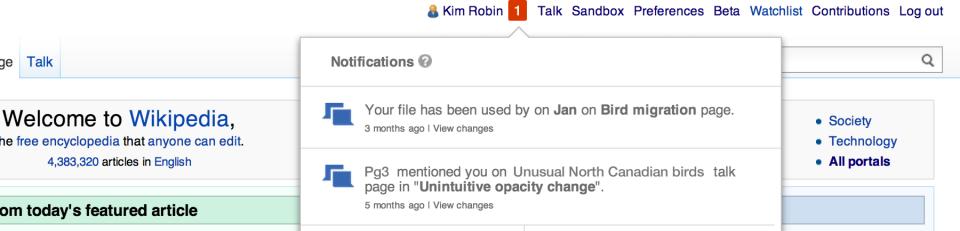
Users:

All users? Logged-in only?

Features:

- Positive feedback tool for useful files (thanks or watchlist in early 2014?)
- Negative feedback tool for reporting issues (categories + tags in summer 2014?)
- Discussion or annotation tool (flow discussions in fall 2014?)
- Moderation tool (late 2014?)

File Notifications





Benjamin Britten (1913–76) was All notifications conductor and pianist, and a central regard in zentral British classical music. His wide compositional range includes opera, orchestral, choral, solo vocal, chamber, instrumental and film music. He showed talent from an early age, and first came to public attention with the choral work A Boy Was Born

934. His best-known works include the operas *Peter Grimes* (1945) and *Billy Id* (1951), the *War Requiem* (1962) and the orchestral showpiece *The Young son's Guide to the Orchestra* (1945). Recurring themes in his operas are the ggle of an outsider against a hostile society, and the corruption of innocence. Wrote copiously for children and amateur performers, including the opera re's *Fludde*, a Missa Brevis, and the song collection *Friday Afternoons*. Britten in composed with particular performers in mind, most importantly his personal professional partner, the tenor Peter Pears, with whom he co-founded the ual Aldeburgh Festival in 1948; the pair were responsible for the creation of its ape Maltings concert hall in 1967. In 1976 Britten became the first composer to awarded a life peerage. (**Full article...**)

ently featured: *Uru: Ages Beyond Myst* – Tropical Storm Keith (1988) – abeosaurus

- British biochemist and two-time Nobel Prize winner Frederick Sanger (pictured) dies at the age of 95.
- NASA launches the MAVEN probe to Mars.

Preferences

Fifty people are killed when a Tatarstan Airlines Boeing 737
 crashes in Kazan, Russia.

ın

- Abdulla Yameen is elected president of the Maldives.
- Sachin Tendulkar retires from all forms of cricket.
- The prime ministers of Canada, India and Mauritius boycott the Commonwealth Heads of Government Meeting in Colombo, Sri Lanka, over allegations of war crimes and human rights abuses.
- A herd of 40 elephants is struck by a passenger train in Chapramari Wildlife Sanctuary, India.

Recent deaths: Doris Lessing

More current events...

File Notifications

Purpose:

- Inform file creators when something happens to their files
- Engage users to contribute more files

Users:

All Commons contributors or curators

Features:

- File Upload Complete
- File was Used in Article
- File was Rated/Featured
- File Page was Edited
- File was Overwritten
- File was Marked for Deletion
- File was Deleted

More 2014 tasks

Here are other tasks we are working on this year:

- Hire/train team
- Architecture
- Bug fixes
- Research
- Discussions

Next steps

Roadmap to 2016

- Unified experience (integrate Wikipedia and Commons)
- More video/audio formats (e.g. MPEG4)
- Better uploads (improve infrastructure)
- File feedback / sharing (Media Viewer +)
- Better search (using structured data and tags)
- Campaign tools (join, to-do, leaderboard, featured)
- Media editing tools (slideshow, map, layouts)

Activities by user group



View

~500M visitors





Contribute ~20k uploaders





Curate

~1k patrollers/admins





Use

~80k active editors



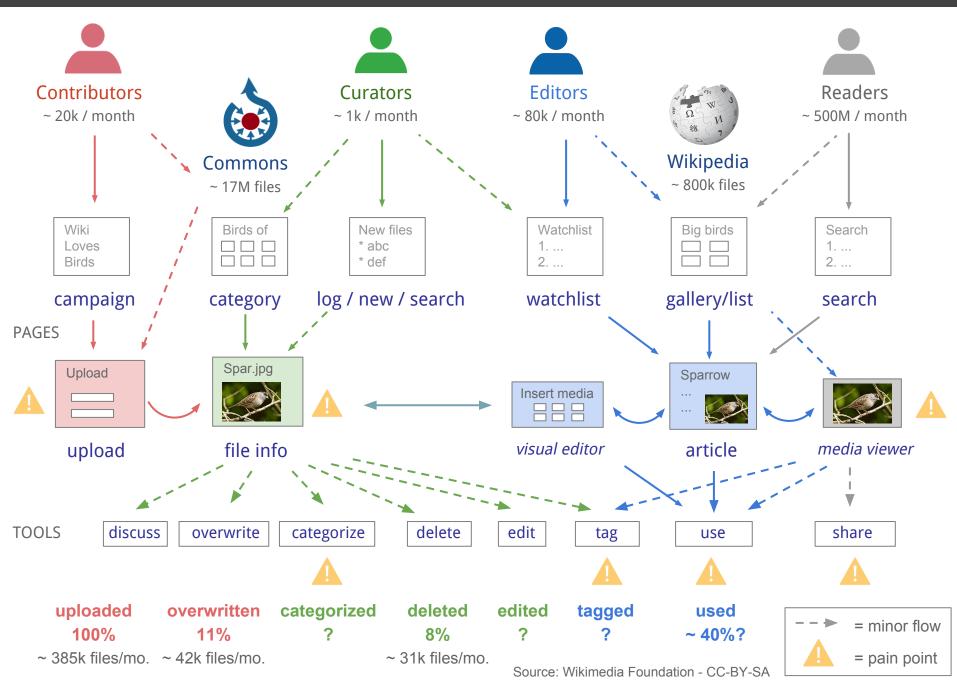


Engage

~30 campaign organizers



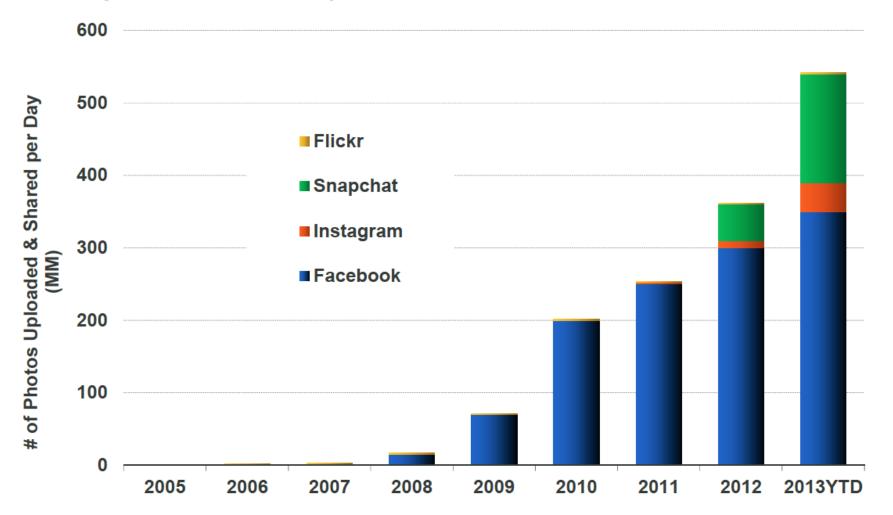
Multimedia Map - Workflows by user group



Research

Photos = 500MM+ Uploaded & Shared Per Day, Growth Accelerating, on Trend to Rise 2x Y/Y...

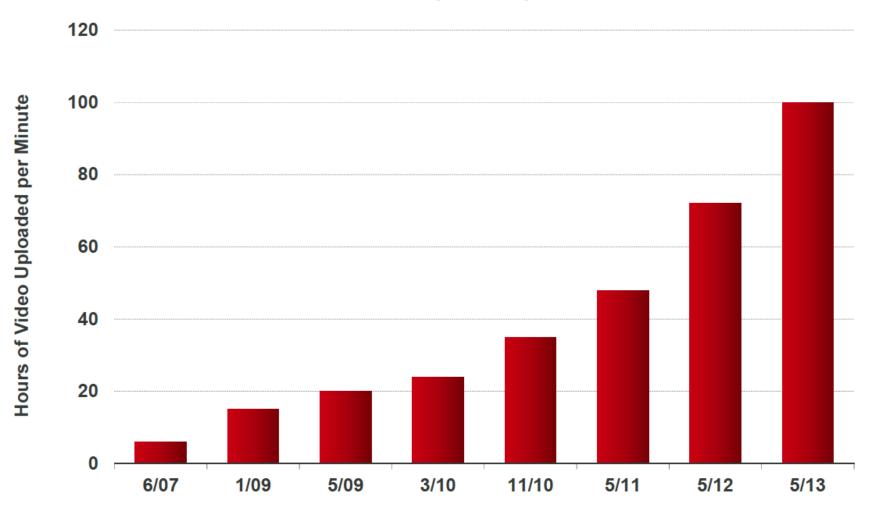
Daily Number of Photos Uploaded & Shared on Select Platforms, 2005-2013YTD





Video = 100 Hours Per Minute Uploaded to YouTube, Up from ~Nada Six Years Ago

YouTube Hours of Video Uploaded per Minute, 6/07 – 5/13



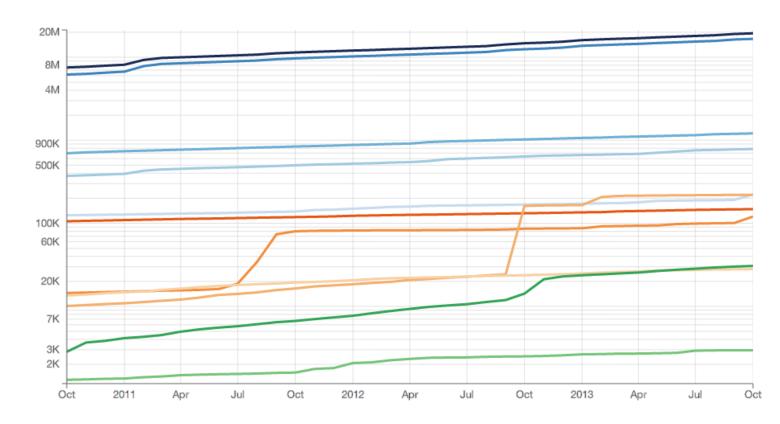


19.41 Million

Commons Binaries (log scale)

Oct 12 — Oct 13 31.67% Sep 13 — Oct 13 1.79%

Oct 2013	
Total	19.41M
jpg	16.63M
png	1.21M
svg	783.08K
ogg	221.69K
gif	147.97K
tif	120.54K
pdf	220.35K
djvu	28.04K
ogv	30.65K
mid	2.96K



Source: Wikimedia Foundation - See Annual Plan Report Card >

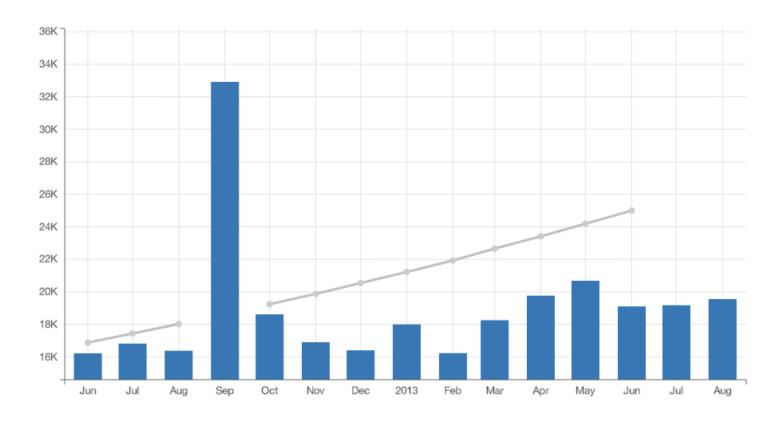
19,554

Active Uploaders Commons (1+)

Aug 12 — Aug 13 19.44% Jul 13 — Aug 13 1.94%

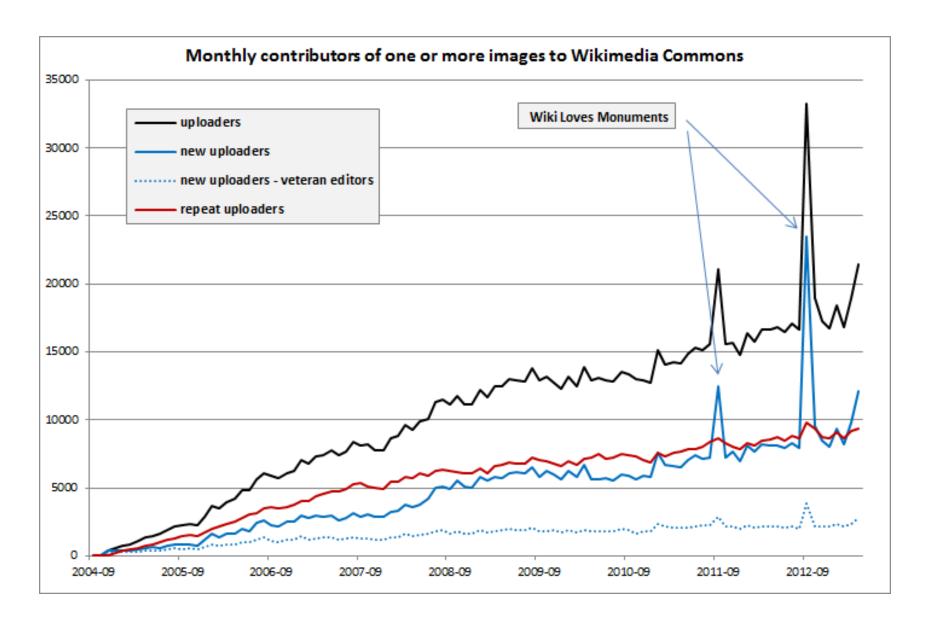
Aug 2013

Total 19.55K
Target NaN



December 2012: An experiment to show logged out users the upload image feature resulted in many uploads that were copyrighted. A lot of these were removed by Commons Admins between April 4-11 2013.

Source: Wikimedia Foundation - See Annual Plan Report Card >



Metrics

Here are proposed metrics for tracking the impact of our work:

- unique contributors:
 - **19k** uploaders per month (1)

- files used in articles:
 - **7.6M** files = 39% of all media files (2)

We will monitor these metrics in coming months, to set future targets for our work.

- (1) Commons uploaders in Aug. 2013. Source: Wikimedia Foundation
- (2) GlobalFileUsage stats on Dec. 3, 2013. <u>Source: Wikimedia Foundation</u>

Learn more:

mediawiki.org/wiki/Multimedia

Join our mailing list: lists.wikimedia.org/mailman/listinfo/multimedia

Multimedia Team
Wikimedia Foundation

Shortcut to this deck: <u>ur1.ca/g519t</u>