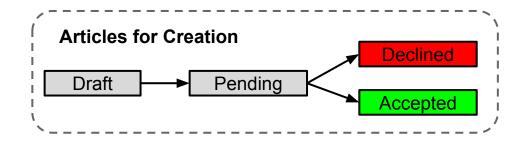
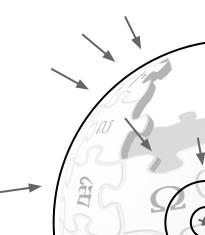
Accept, decline, postpone

An exploration of Article for Creation efficiency

Aaron Halfaker WMF Jodi Schneider INRIA Bluma Gelley NYU







Name: Aaron Halfaker

Occupation: Research Scientist @ WMF

Contact: halfak in #wikimedia-research

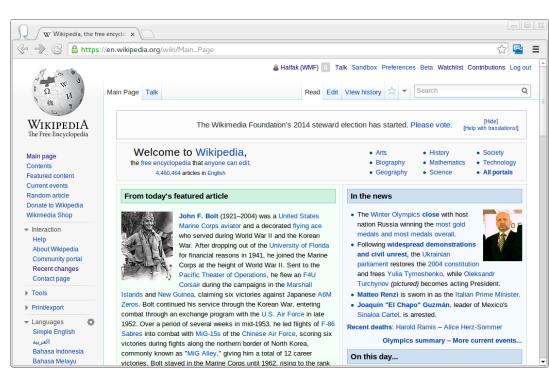
Outline

- 1. **Recap:** Wikipedia article creation
- 2. **Problem:** AfC \rightarrow Decreased productivity

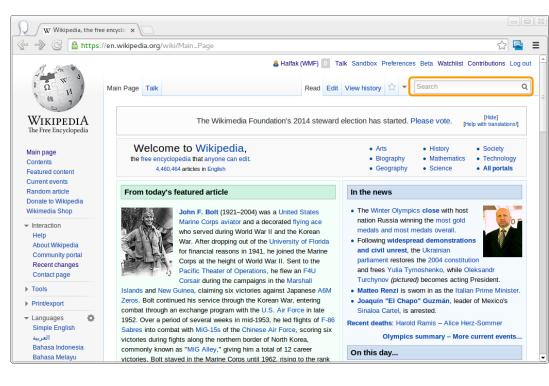
3. Results:

- Pre-publication review is too slow
- Linus' Law breaks down (no collaborators)
- 4. **Implications:** Draft namespace & Process literacy

1. Go to Wikipedia



- 1. Go to Wikipedia
- 2. Find an article that doesn't exist



- 1. Go to Wikipedia
- 2. Find an article that doesn't exist

| W Article that doesn't | t exist - X |
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| WIKIPEDIA The Free Encyclopedia | Search results |
| Main page Contents | For search options, see Help:Searching. Article that doesn't exist X Search |
| Featured content Current events Random article Donate to Wikipedia | Content pages Multimedia Help and Project pages Everything Advanced Results 1-50 of 4,303 for Article that doesn't exist You may create the page "Article that doesn't exist", but consider checking the search results below to see whether the topic is already covered. |
| Wikimedia Shop ✓ Interaction Help About Wikipedia Community portal Recent changes | Free monoid A Wikipedia article 'graded ring' exists, but it doesn't define there exists an s such that either m ps, sn q (example see image) or ms p, n sq 22 KB (3,150 words) - 21:03, 19 November 2013 The Cure |
| Contact page Tools | hampered by the fact that "the group who made it doesn't exist anymore". The article summarised that "without a label, or any suitable |
| 👻 Languages 🛛 🧔 | 59 KB (8,734 words) - 16:01, 17 February 2014 Standards Department 2011 date January 2011 comment unclear which Britannica article this came from; "Standards Department" doesn't seem to exist on Wikisource 2 KB (270 words) - 20:38, 6 March 2013 |
| https://en.wikipedia.org/w/ | index.php?title=Article_that_doesn%27t_exist&action=edit&redlink=1 |

- 1. Go to Wikipedia
- 2. Find an article that doesn't exist

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| WIKIPEDIA The Free Encyclopedia | Search results For search options, see Help:Searching. |
| Main page Contents Featured content | Article that doesn't exist X Search Content pages Multimedia Help and Project pages Everything Advanced Results 1-50 of 4.303 for Article that doesn't exist |
| Current events Random article Donate to Wikipedia Wikimedia Shop | You may create the page " <u>Article that doesn't exist</u> ", but consider checking the search results below to see whether the topic is already covered. |
| Interaction Help About Wikipedia Community portal Recent changes Contact page | Free monoid A Wikipedia article' graded ring' exists, but it doesn't define there exists an s such that either m ps, sn q (example see image) or ms p, n sq 22 KB (3,150 words) - 21.03, 19 November 2013 The Cure hampered by the fact that "the group who made it doesn't exist anymore". The article |
| ► Tools | summarised that "without a label, or any suitable |
| ✓ Languages | 59 KB (8,734 words) - 16:01, 17 February 2014 Standards Department 2011 date January 2011 comment unclear which Britannica article this came from; "Standards Department" doesn't seem to exist on Wikisource 2 KB (270 words) - 20:38, 6 March 2013 KB (270 words) - 20:38, 6 March 2013 |
| nttps://en.wikipedia.org/w/ | /index.php?title=Article_that_doesn%27t_exist&action=edit&redlink=1 |

- 1. Go to Wikipedia
- 2. Find an article that doesn't exist
- 3. Add some content

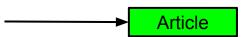
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| Main page Contents Featured content Current events Random article Donate to Wikipedia Wikimedia Shop Interaction Help About Wikipedia Community portal Recent changes Contact page | Creating Article that doesn't exist Before creating an article, please read Wikipedia:Your first article. You can also search for an existing article to which you can redirect this title. To experiment, please use the sandbox. To use a wizard to create an article, see the Article wizard. When creating an article, provide references to reliable published sources. An article without references, especially a biography of a living person, may be deleted. You can also start your new article at Special:Mypage/Article that doesn't exist. There, you can develop the article with less risk of deletion, ask other editors to help work on it, and move it into "article space" when it is ready. Content that violates any copyrights will be deleted. Encyclopedic content must be verifiable. Work submitted to Wikipedia can be edited, used, and redistributed—by anyone—subject to certain terms and conditions. | | | | |
| ► Tools | B I → Advanced → Special characters → Help → Cite Here's some content! Here's a header And some content for the first section. | | | | |

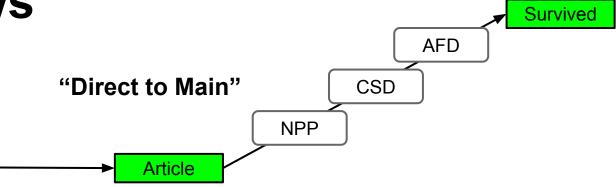
- 1. Go to Wikipedia
- 2. Find an article that doesn't exist
- 3. Add some content
- 4. Hit "save"

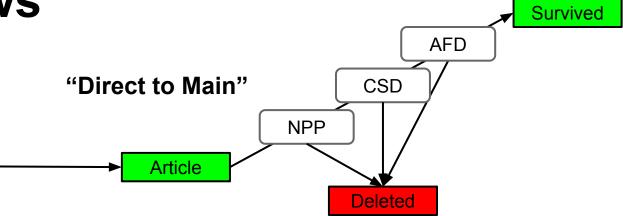
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| | Watch this page By clicking the "Save page" button, you agree to the Terms of Use, and you irrevocably agree to release your contribution under the CO 3.0 License and the GFDL. You agree that a hyperlink or URL is sufficient attribution under the Creative Commons license. Save page Show preview Show changes Cancel | C-BY-SA | Ξ |

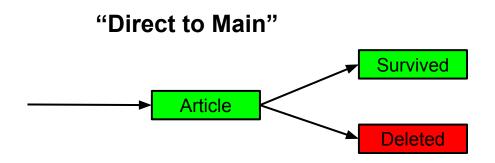
Done!

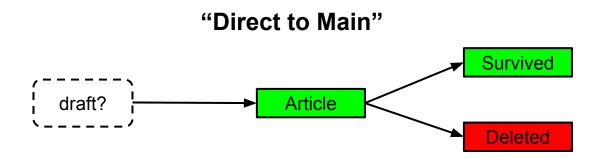
"Direct to Main"

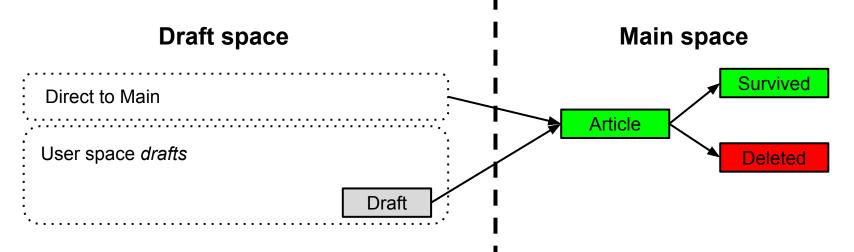












1. User: EpochFail/Article that doesn't exist

1. User: EpochFail/Article that doesn't exist

2. iterate, make mistakes and fix them

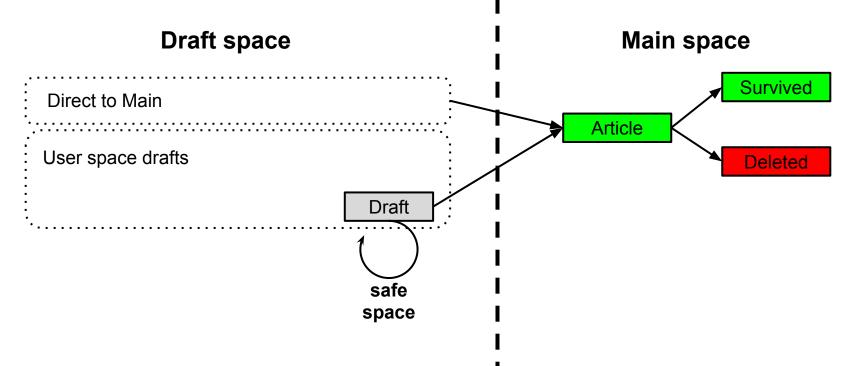
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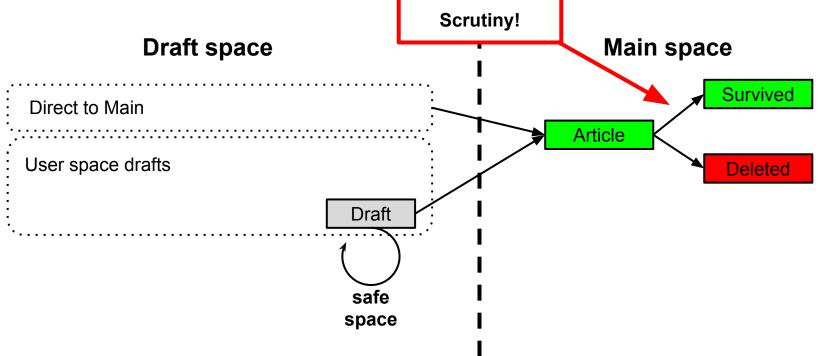
- 2. iterate, make mistakes and fix them
- 3. Move to Main when you're ready

1. User: EpochFail/Article that doesn't exist

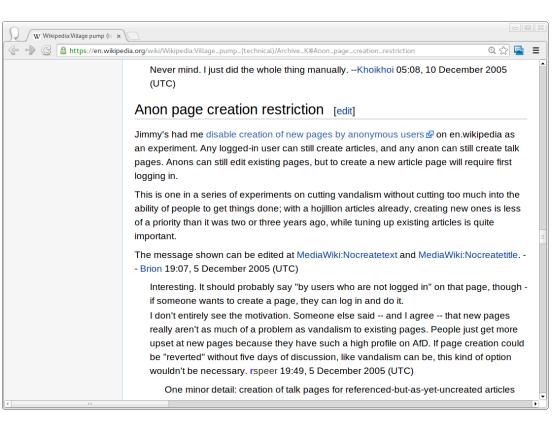
- 2. iterate, make mistakes and fix them
- 3. Move to Main when you're ready

Cool! Right?



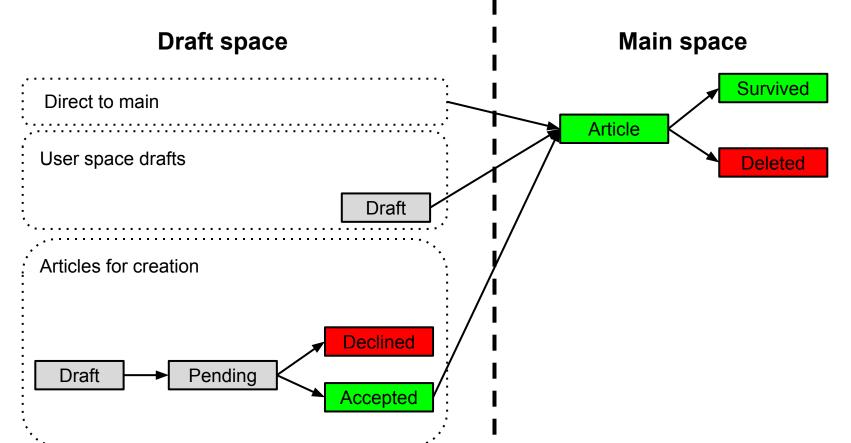


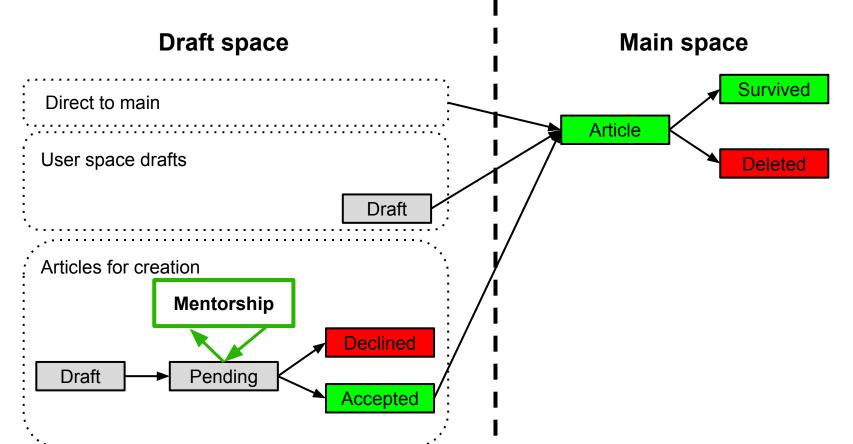
Articles for Creation

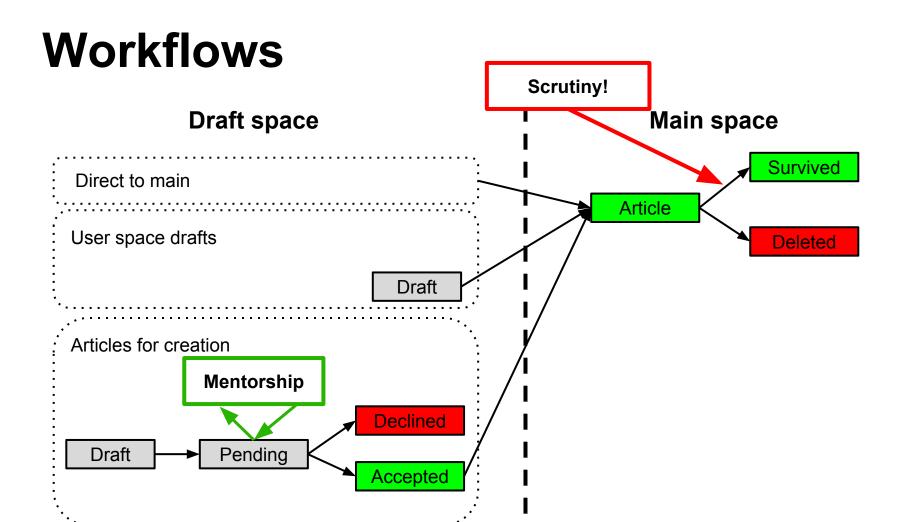


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| Donate to W | | nregistered and ne sistance of experien February, 2007 | • | Shortcut: [[WP:AFC]] ernatively, if you |
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| Русский <i>∥</i> Edit links | Follow these directions to su | Ibmit an article for creation. | Registered Wikipedians should follow these directions t | o review submitted |

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| WIKIPEDIA The Free Encyclopedia | WIKIMEDIA | | ur Terms of Use: Iment regarding undisclosed paid editing. | (Help with translations!) |
| Donate to W | | <i>nregistered</i> and ne sistance of experien February, 2007 | • | Shortcut: [[WP:AFC]] ernatively, if you |
| ৰংলা Español Português | | | iting your article, to learn how to write it well mmon mistakes other people make. | |
| Română | Unregistered | users: Submitting an article | Registered users: Reviewing subm | issions |
| Русский <i>d</i> Edit links | Follow these directions to sub | omit an article for creation. | Registered Wikipedians should follow these directions t | o review submitted |







The problem

AfC leads to decreased newcomer productivity

What's productivity?

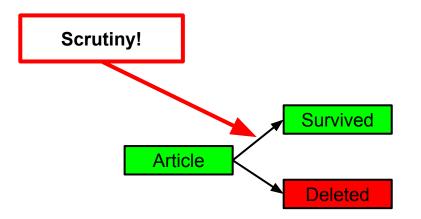
Assumptions:

- Wikipedia needs new articles
- Articles that *survive review* are desirable

What's productivity?

Assumptions:

- Wikipedia needs new articles
- Articles that survive review are desirable



What's productivity?

Assumptions:

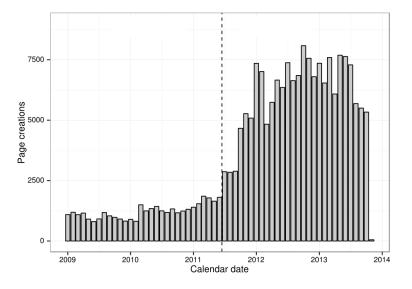
- Wikipedia needs new articles
- Articles that *survive review* are desirable

Productivity:

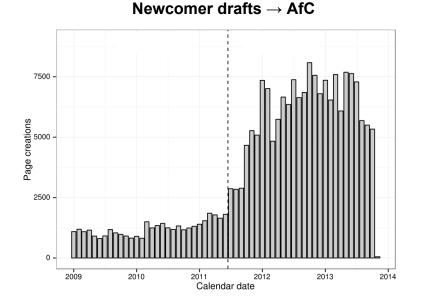
• The rate of production of *surviving articles*

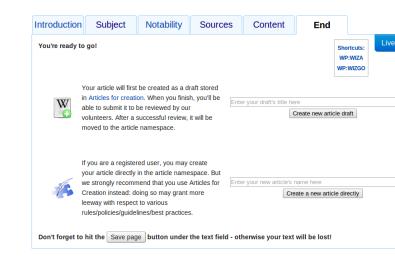
Newcomers \rightarrow AfC \rightarrow Lower productivity

Newcomer drafts \rightarrow AfC

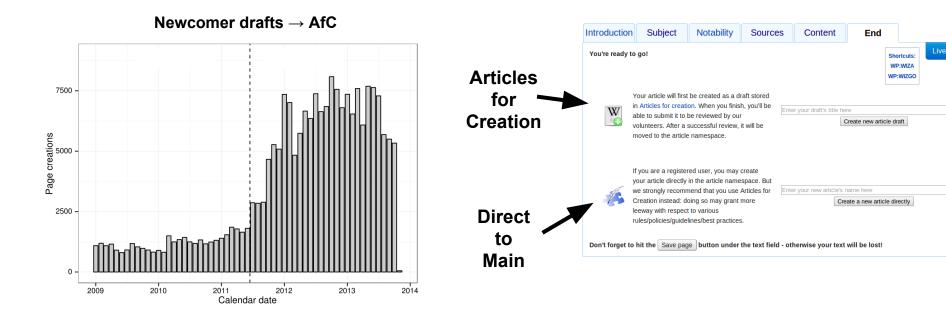


Newcomers \rightarrow AfC \rightarrow Lower productivity



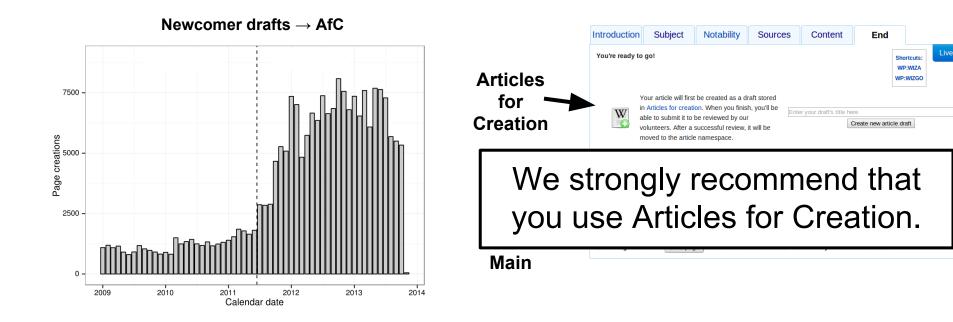


Newcomers \rightarrow AfC \rightarrow Lower productivity



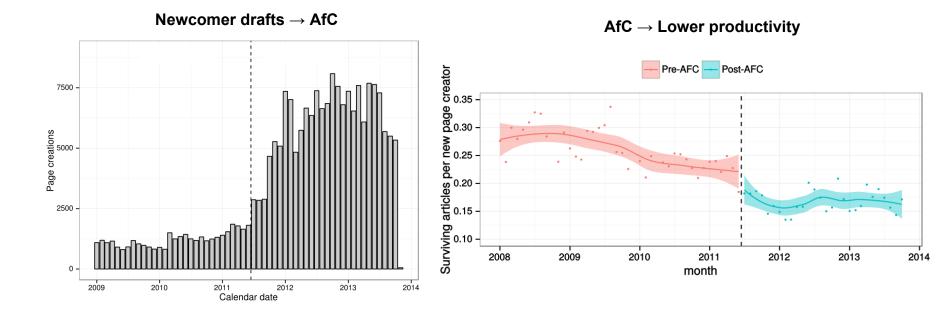
Workflows

Newcomers \rightarrow AfC \rightarrow Lower productivity



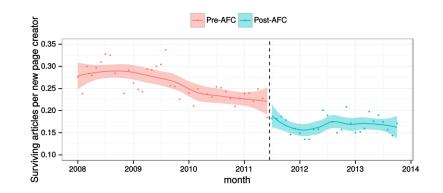
Workflows

Newcomers \rightarrow AfC \rightarrow Lower productivity



Why?

Where's the breakdown?

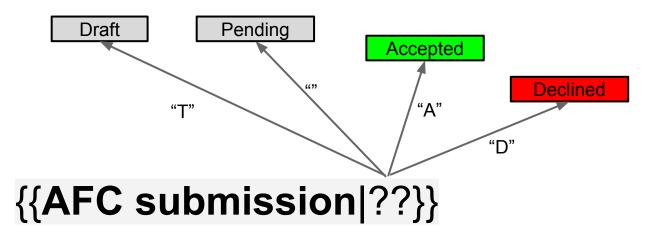


Hypotheses

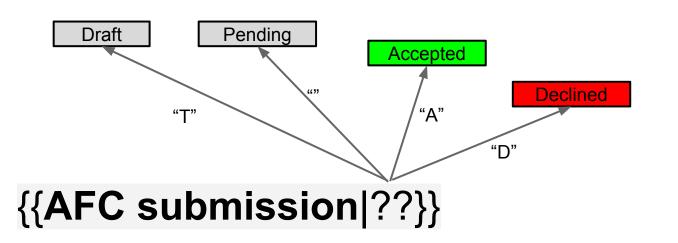
1. AfC's review process is too slow

AfC uses templates to track status

AfC uses templates to track status



AfC uses templates to track status



Find AfC drafts: MySQL Database

Parse templates: XML Dump & API (deleted pages)

Reading draft histories and discussions

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| • (cur prev) 🔍 | 01:39, 4 May 2014 Ch | abia (talk contribs) (624 bytes) (+624) (~ Created page with '{{subst:AFC | |
| submission/draftnew}} Important, do not remove this line before article has been created """Ornithogalum lebaense""" is | | | |
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A different kind of "Drive" [edit]

Per the problems listed above concerning backlog drives and the need to solve some of the other AIC problems first, I suggest a drive whereby AIC members manually go through all the current submissions and categorize them. Perhaps have separate drives for each of the two parent categories proposed below.

Category:AfC submissions by review status. This would allow reviewers to prioritise (if they wish) articles which have never been reviewed. Currently, the queue is hopelessly clogged with self-promotion/paid promotion articles which have been multiply declined and are relentlessly re-submitted. See this horrendous example 6^o. Sub-categories:

Category:Previously declined AfC submissions (for submissions which have been reviewed at least once and declined)
 Category:Unreviewed AfC submissions (for submissions which have never been reviewed)

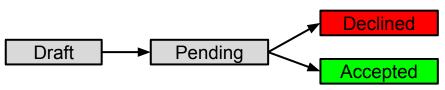
Category:AfC submissions by subject. The categories below are based on the general categories used by AfD. Once this is done, reviewers could more easily find and choose to review submissions in their area(s) of expertise instead of randomly plowing through 2500 uncategorised submissions whose titles are often no indication of the type of subject matter. It would also enable members of subject-based WikiProjects to easily scan these categories to see if there are some drafts worth developing/accepting. Note that in some cases more than one category could be added to a draft. An example would be biographical articles which would also have the category for the area in which the person is active/known. Sub-categories:

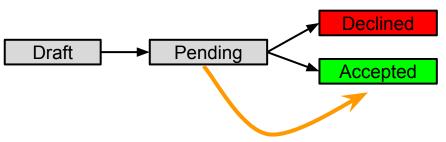
- · Category:AfC submissions (Media and music)
- Category:AfC submissions (Organisation, corporation, or product)
- · Category:AfC submissions (Biographical)
- Category:AfC submissions (Society topics)
- · Category:AfC submissions (Web or internet)
- Category:AfC submissions (Games or sports)
- · Category:AfC submissions (Science and technology)
- · Category:AfC submissions (Places and transportation)
- Category:AfC submissions (Fiction and the arts)
- Category:AfC submissions (Indiscernible or unclassifiable topic)

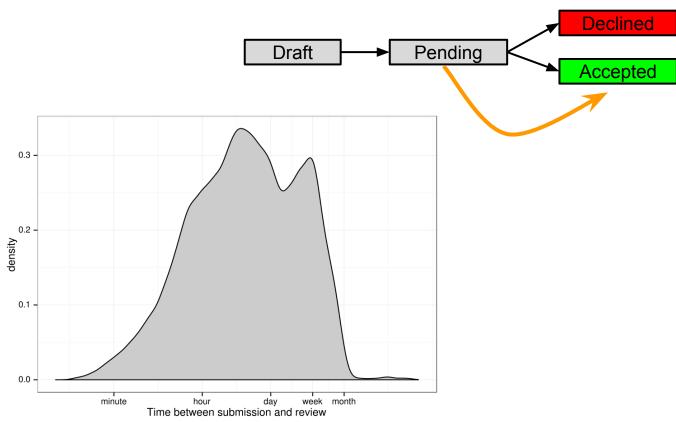
An example of a submission in two categories would be Wikipedia talk:Articles for creation/L.J. Sealey (AfC submissions (Biographical) and AfC submissions (Fiction and the arts))

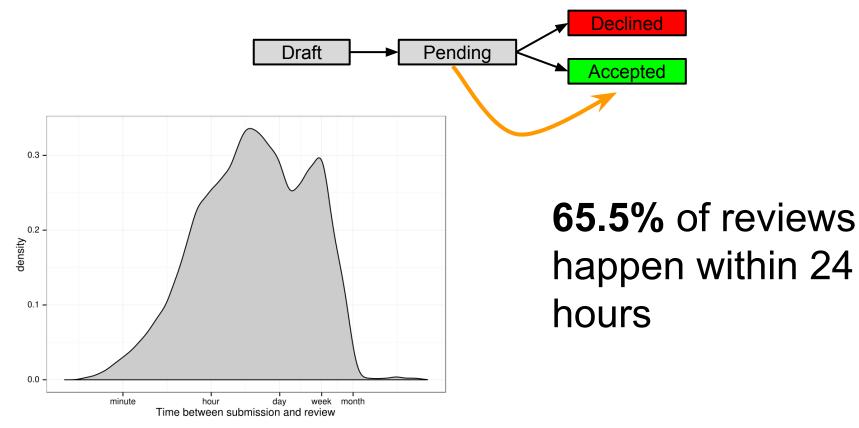
Results

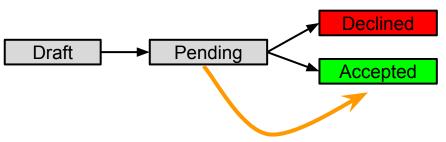
One hypothesis at a time

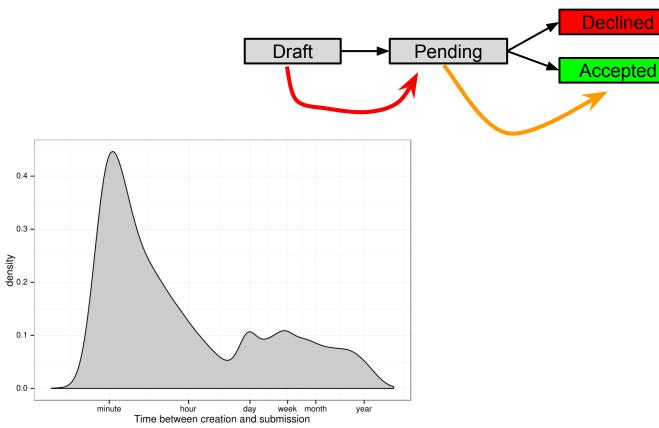


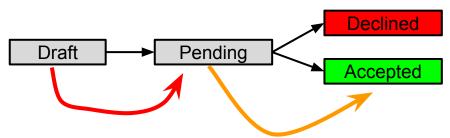


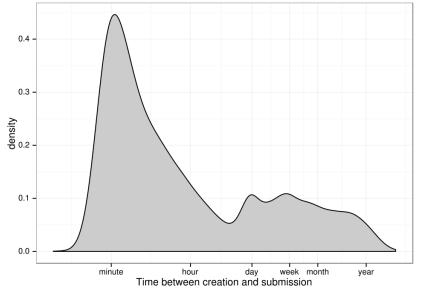










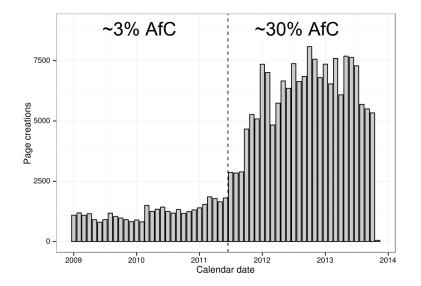


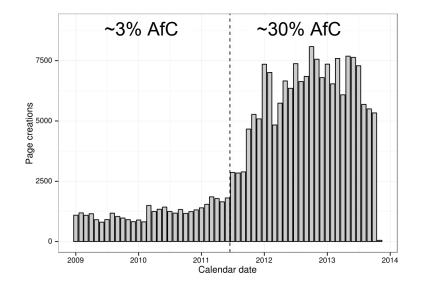
93% of reviews are submitted for review within one week of creation

Nope

Qualitative work:

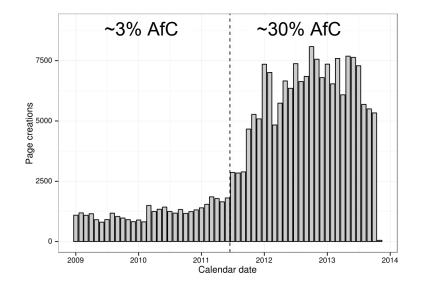
Regular backlog drives keep review time short.





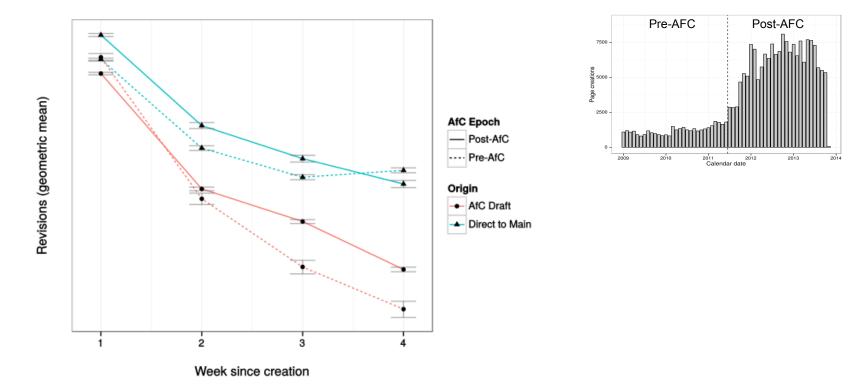
Contributions by non-creating editor

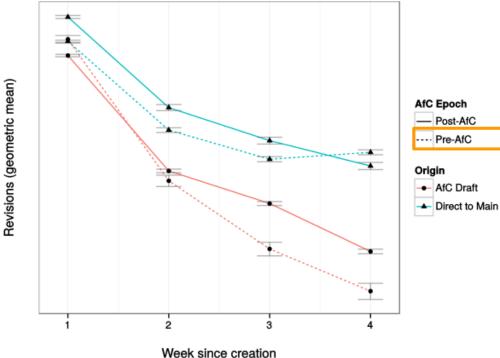
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- Unique anons

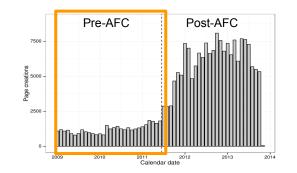


Contributions by non-creating editor

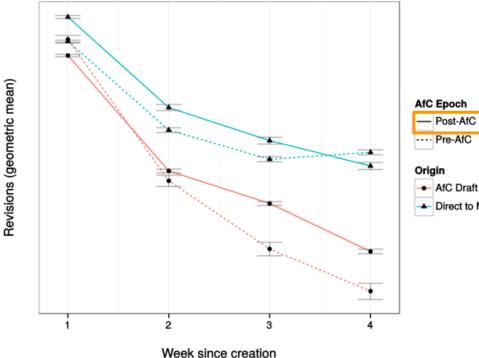
- Revisions
- Bytes added
- Unique registered
- Unique anons

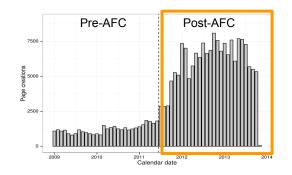






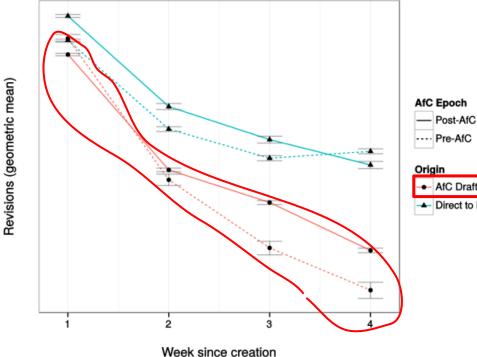


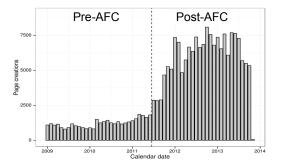




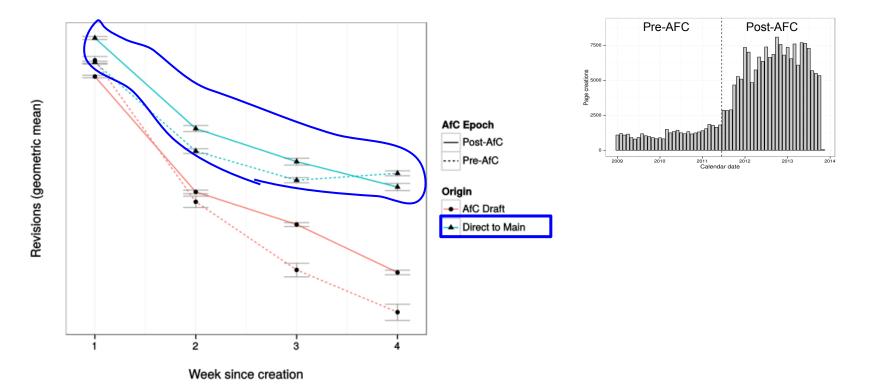


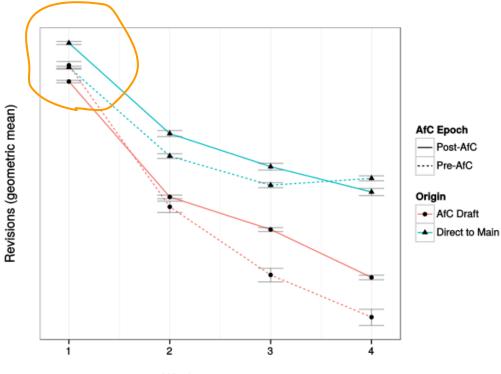


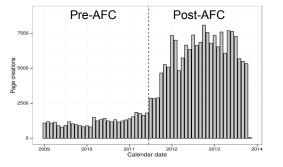




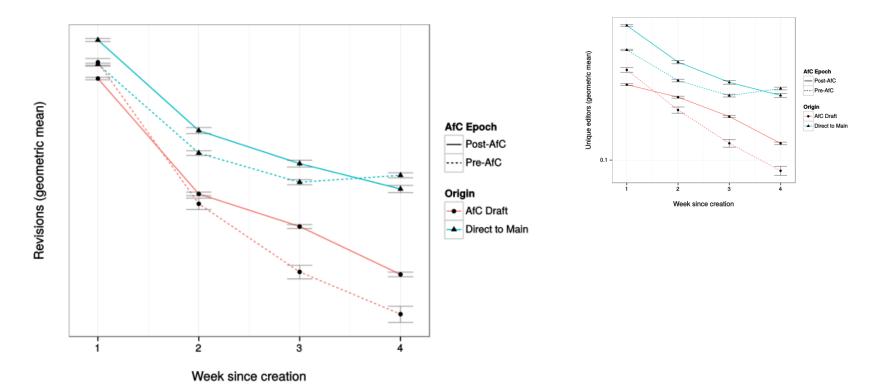


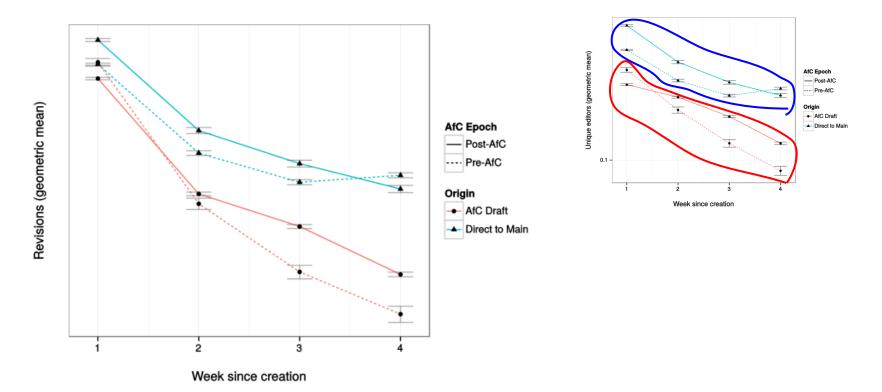


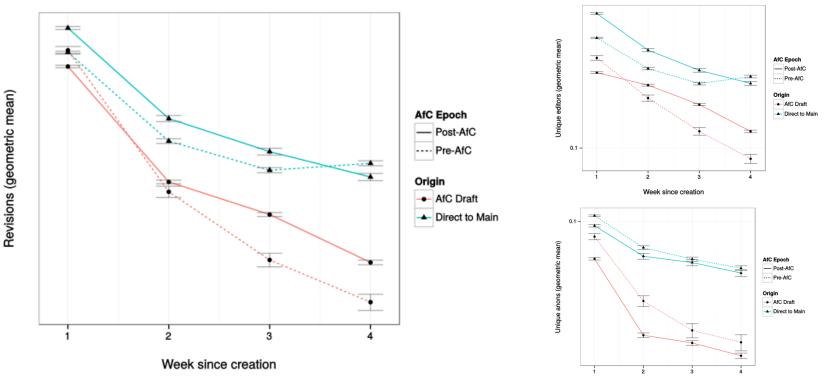




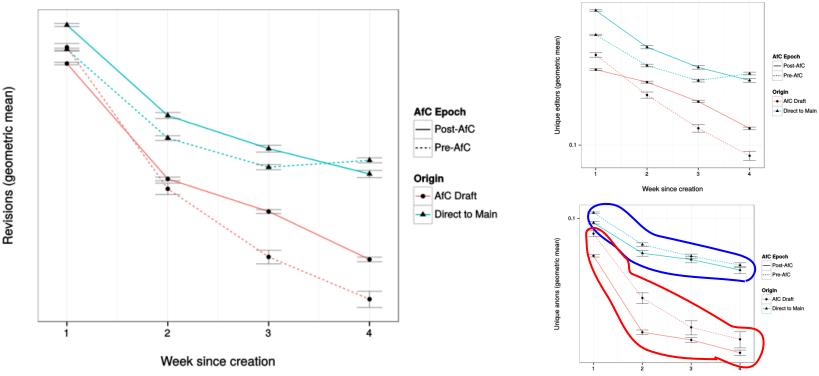








Week since creation



Week since creation

Supported. AfC Drafts see less collaboration.

Qualitative work:

Onus on the creator alone to make productive changes to drafts.

Summary

1. AfC's review process is too slow **Unsupported**

2. Less collaboration (Linus' Law) **Supported**

Implications

for design of new features

- Review can be fast (but there's other problems)
 - Reviewers lack subject expertise
 - Incentive to be restrictive

- Review can be fast (but there's other problems)
 - Reviewers lack subject expertise
 - Incentive to be restrictive
- **Proposal:** No publication review. Focus on "productive review".

Not just review, but contribution.

• If drafts are hidden, Linus' Law breaks down

• If drafts are hidden, Linus' Law breaks down.

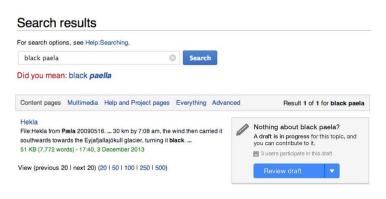
Proposal: Make drafts visible

• If drafts are hidden, Linus' Law breaks down.

Proposal: Make drafts visible

| in n | Draft Taix | | |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| WIKIPEDIA The Free Encyclopedia | v Draft: Traffic light | | |
| | Not yet part of Wikipedia. Last edited 3 minutes ago | | |
| Main page Contents Featured content | Traffic lights, also known as traffic alignals, traffic lamps, alignal lights, stop lights and robots, ^[1] traffic control signals ² are signaling devices positioned at road intersections, podestanc rossinge competing flows of traffic. Traffic lights were first installed in 1966 in incode ² and are new used all o | | |
| Surrent events Random article Sonate to Wikipedia | Traffic lights alternate the right of way accorded to road users by displaying lights of a standard color (following a universal color code. In the typical sequence of color phases: • the green light allows traffic to proceed in the direction denoted, if it is safe to do so | | |
| Interaction Help About Wikipedia Community portal Recent changes Contact page | | | |
| | the orange/amber light denoting prepare to stop short of the intersection, if it is safe to do so the red signal prohibits any traffic from proceeding | | |
| | Contents [show] | | |
| | History (edit) | | |
| Tools | | | |
| Printlexport | On 10 December 1868, the first traffic lights were installed outside the British Houses of Parliament in Bridge Street, Great George Street and Parliament Street. They were promoted by the railway enginee | | |
| Languages O T _{ad J} all Azerbaycanca Benapyokas | the nahway signal engineers of Sastry & Farmer. The design combined three semaphore arms with red time use, on a pillar, operated by a police constable. The gas lantern was turned with a lever at its bas faced traffic. ⁶⁵ | | |
| | Although it was said to be successful at controlling traffic, its operational life was brief. It exploded on | | |



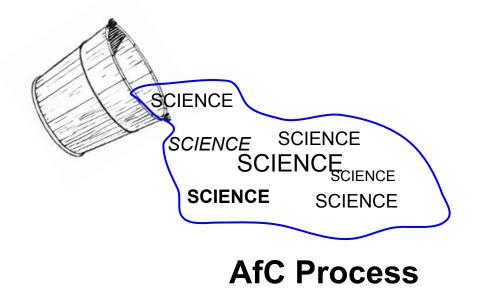


Although it was said to be successful at controlling traffic, its operational life was brief. It exploded on leak in one of the gas lines underneath the parement, injuring⁽⁵⁾ or killing⁽⁵⁾ the policeman who was op safety, the concept was abandoned until electric signals became available.

Xide

Aaron Halfaker ahalfaker@wikimedia.org "halfak" on IRC

Thanks!



Summary (stub, sorry): <u>https://meta.wikimedia.org/wiki/Research:AfC_processes_and_productivity</u> Work log: <u>https://meta.wikimedia.org/wiki/Research_talk:AfC_processes_and_productivity</u>