



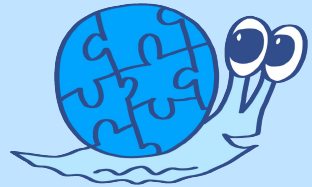
Citation Location Needed

Mario Morvan – User:Yoctera



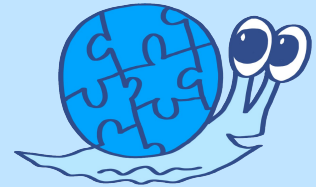


→ Specifying **in-source location** in citations ('p', 'page', 'pages', etc.)





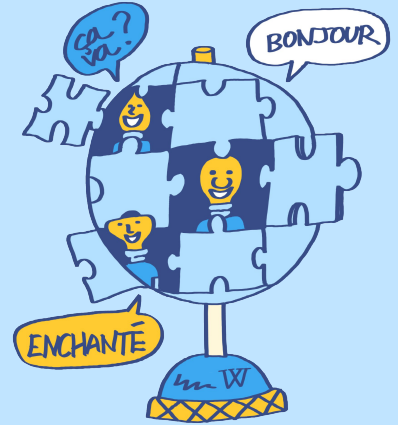
→ Specifying **in-source location** in citations ('p', 'page', 'pages', etc.)
lowers the barrier to verification





How many *located* citations? What associated verification cost?

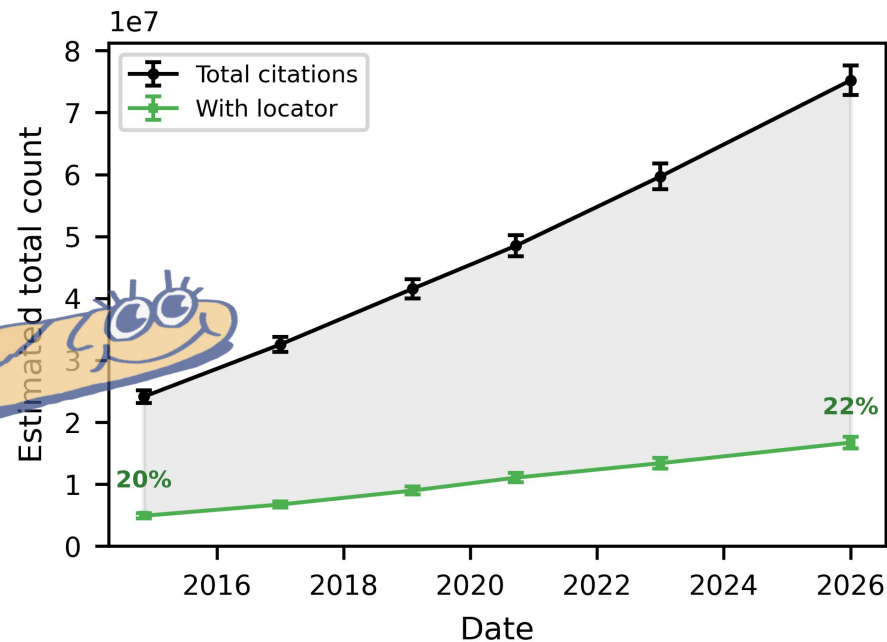
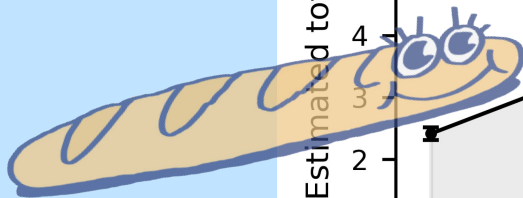
- 6 random samples of 20,000 enwiki articles from 2014 to 2026
- precise parsing of references and locators
- retrieved length of books and articles (from Open Library & CrossRef)





enwiki from 2014 to 2026:

x3 citations

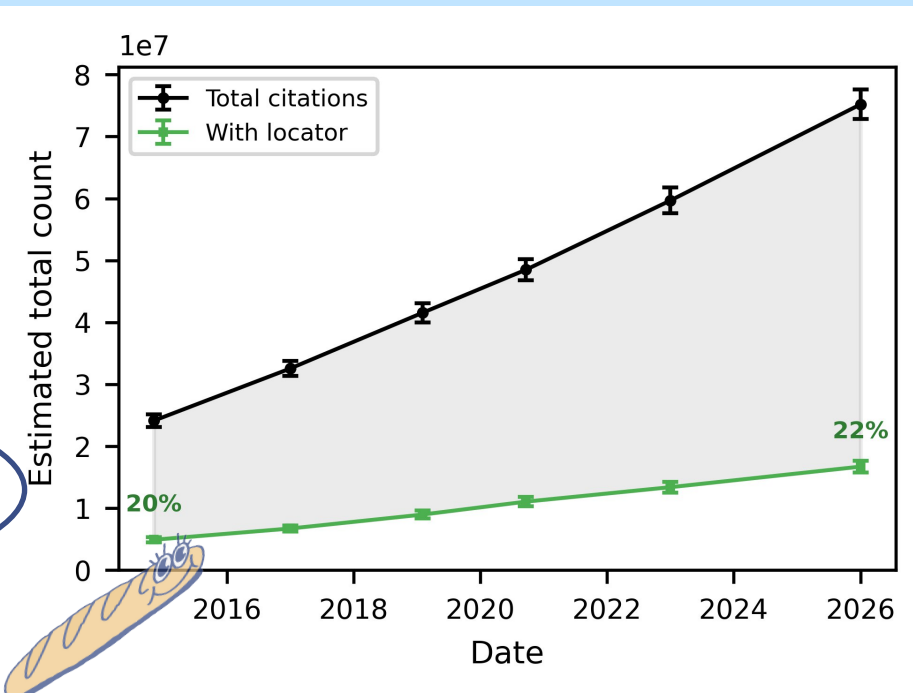




enwiki from 2014 to 2026:

x3 citations

1/5 citations has locator(s)





6 most represented citation types



TEMPLATE	% CITATIONS	% PAGES	% PAGE	% OTHER
<code>{{cite web}}</code>	42%	0.3%	0.8%	0.9% (<i>quote</i>)
<i>untemplated</i>	23%	4.7%	15%	–
<code>{{cite news}}</code>	14%	3.2%	9.7%	1.3% (<i>quote, department</i>)
<code>{{cite book}}</code>	6.8%	35%	33%	13% (<i>chapter, quote, at, ...</i>)
<code>{{cite journal}}</code>	5.0%	77%	8.3%	1.3% (<i>quote, at</i>)
<code>{{sfn}}</code>	4.3%	19%	67%	2.4% (<i>loc</i>)

enwiki 2026-01-01

% citations with pages, pp, page, p, locators

TEMPLATE	% CITATIONS	% PAGES	% PAGE	% OTHER
<code>{{cite web}}</code>	42%	0.3%	0.8%	0.9% (<i>quote</i>)
<i>untemplated</i>	23%	4.7%	15%	–
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<code>{{sfn}}</code>	4.3%	19%	67%	2.4% (<i>loc</i>)

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% citations with other locators

TEMPLATE	% CITATIONS	% PAGES	% PAGE	% OTHER
<code>{{cite web}}</code>	42%	0.3%	0.8%	0.9% (<i>quote</i>)
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web-based citations



TEMPLATE	% CITATIONS	% PAGES	% PAGE	% OTHER
<code>{{cite web}}</code>	42%	0.3%	0.8%	0.9% (<i>quote</i>)
<i>untemplated</i>	23%	4.7%	15%	–
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<code>{{sfn}}</code>	4.3%	19%	67%	2.4% (<i>loc</i>)

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citations with many page(s) locators

TEMPLATE	% CITATIONS	% PAGES	% PAGE	% OTHER
<code>{{cite web}}</code>	42%	0.3%	0.8%	0.9% (<i>quote</i>)
<i>untemplated</i>	23%	4.7%	15%	–
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<code>{{sfn}}</code>	4.3%	19%	67%	2.4% (<i>loc</i>)

enwiki 2026-01-01



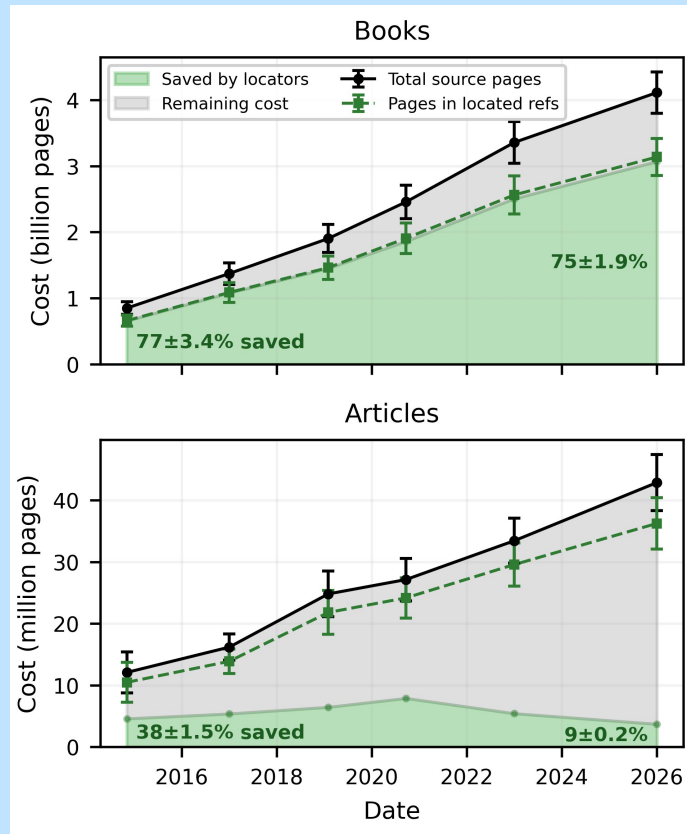
Counting Source Pages from references on enwiki

Books:

- 3 billion *pages saved* | 1 billion *left*

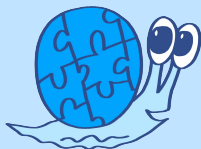
Articles :

- 4 million *pages saved* | 38 million *left*





Thank you!



Next steps?

- **Multilingual** locator parser/study
- **Update citoid** for article page ranges
- ‘**Locator need**’ study + ‘Citation location detective’
- **Nudging editors** to add locator to new citations
- **Automatic detection**
 - + suggesting location to new/existing citations

Slide Content : https://mariomorvan.org/assets/docs/cln_slides_wikimania.pdf, CC BY-SA 4.0

Slides Template Design : [Wikimania 2026 designs](#), Eclos Productions, CC BY-SA 4.0

Blog post: <https://mariomorvan.org/citation-location-needed/>

Parser code: <https://github.com/mrmvn/wikiloc>

Contact : mario.morvan@pm.me