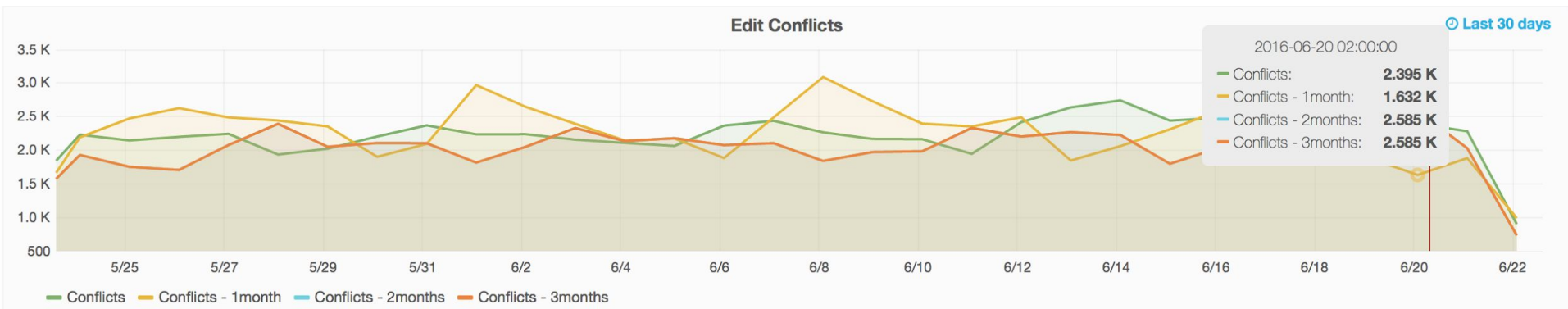


Improve Edit Conflict Handling

Lea Voget & Birgit Müller
Wikimania Hackathon 2016



Source: <https://grafana.wikimedia.org/dashboard/db/mediawiki-edit-conflicts#%23>







Goat User Story:

As a goat, I would like goats to replace cats as the lingua franca of the internet



Someone else has changed this page since you started editing it. The upper text area contains the page text as it currently exists. Your changes are shown in the lower text area. You will have to merge your changes into the existing text. **Only** the text in the upper text area will be saved when you press "Save page".

B I     [Advanced](#) [Special characters](#) [Help](#) 

```
[[File:The Earth seen from Apollo 17.jpg|alt=A view of the Earth taken from outer space|thumb|This photo of this world is called ''The Blue Marble''.|300x300px]]  
A ''world'' is a planet where a society of people has formed.
```

Summary:
Triggering edit conflict

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Differences

Your text		Stored revision
Line 1:		Line 1:
<pre>[[File:The Earth seen from Apollo 17.jpg alt=A view of the Earth taken from outer space thumb This photo of this world is called "The Blue Marble". 300x300px]] - This "world" is a planet where a society of people has formed. The Earth is a [[planet]].</pre>	+	<pre>[[File:The Earth seen from Apollo 17.jpg alt=A view of the Earth taken from outer space thumb This photo of this world is called "The Blue Marble". 300x300px]] A "world" is a planet where a society of people has formed.</pre>

Your text

```
[[File:The Earth seen from Apollo 17.jpg|alt=A view of the Earth taken from outer space|thumb|This photo of this world is called ''The Blue Marble''.|300x300px]]  
This ''world'' is a planet where a society of people has formed. The Earth is a [[planet]].
```



Suggestion A.2



100% TESTSITE

- Main page
- What we do here
- What Test Wiki is not
- Random page
- Sandbox
- Create a new page
- Wikimedia blog
- Local userlist
- Issue tracker
- Wikipedia store

- Interaction
- Help
- About Wikipedia
- Wikipedia pump
- Recent changes

- Tools
- What links here
- Related changes
- Upload file
- Special pages
- Page information

- Feedback
- If you have a minute, please leave us a note.
- In other languages

ausklappen

English | Talk | Sandbox | Preferences | Beta | Watchlist | New messages (none) | Contributions | Log out

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This is a test of release of MediaWiki 1.27.0.wmf.23 (4a302ed). Please report issues you encounter. [dismiss]

Edit conflict: Page619

Differences

Line 9:

Line 9: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet citta kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet citta kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet citta kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

== Mehr Text ==

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neue Editor position





Feedback iteration, conversations about workflows

Suggestion B

EDIT CONFLICT

YOUR TEXT

STORED VERSION

Eohippus was a short animal. It was the size of a cat.  	<input checked="" type="radio"/> Eohippus was a short animal. It was the size of a dog.
Text text text	Text text text
Text	
Text text text  	<input type="radio"/> Text text

PREVIEW

Key learnings and findings

Hardly anyone is using the current edit conflict solution. The current edit conflict view is serving as a “blocker”:

Users then

- go back to their text version, copy their text chunks, reload the page and merge their text into the current revision OR
- give up and stop editing.

Key learnings and findings

Many people are aware of possible edit conflicts: They take preventive actions when editing pages with high traffic.

Key learnings and findings

Programmers prefer a merge tool like solution

But:

- Edit conflicts in Wikipedia do require fast reactions, merge conflicts in software development don't
- A merge tool like solution might be too far away from editors' current workarounds

Two new suggestions

Editing C

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```
! Old Latin <br>C (G)
|- style="background:white; text-align:center;"
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|[[File:Gamma uc 1c.svg|55px|Greek Gamma]]
|[[File:Etruscanc-01.svg|30px|Etruscan C]]
|[[File:Old Latin G.svg|20px|Old Latin]]
|}
```

"C" comes from the same letter as Ɑ. The [Semitic people](#) named it [\[\[gimel\]\]](#). The sign is possibly adapted from an [\[\[Egyptian hieroglyphs|Egyptian hieroglyph\]\]](#) for a [\[\[Staff-sling|staff sling\]\]](#), which may have been the meaning of the name "gimel". Another possibility is that it depicted a camel, the Semitic name for which was "gamal". [\[\[Barry B. Powell\]\]](#), a specialist in the history of writing, states "It is hard to imagine how gimel = "camel" can be derived from

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Old Latin
C (G)

```
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Lea & Birgit

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<https://phabricator.wikimedia.org/T137318>

<https://etherpad.wikimedia.org/p/WikiHack16-editConflictResolution>

Credits

Dashboard for number of edit conflicts for all Wikis, <https://grafana.wikimedia.org/dashboard/db/mediawiki-edit-conflicts#%23>

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