

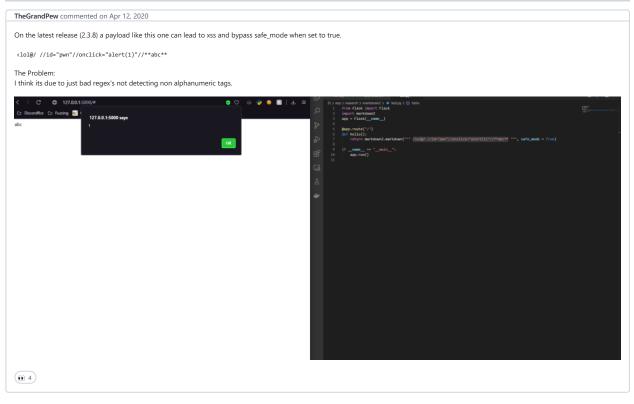
New issue

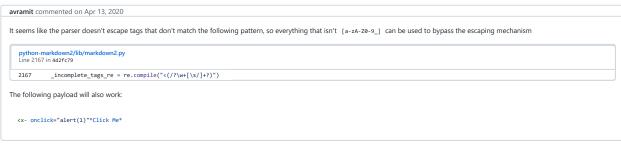


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Another Filter bypass leading to XSS #348

⊙ Closed TheGrandPew opened this issue on Apr 12, 2020 · 12 comments · Fixed by #353





TheGrandPew commented on Apr 14, 2020 • edited ▼

Has been assigned CVE-2020-11888.

(Author)

√Idhun mentioned this issue on May 1, 2020

FIX: Filter bypass leading to XSS 418sec/python-markdown2#1

[] Closed

xurble mentioned this issue on May 1, 2020

xurble commented on May 2, 2020 • edited 💌

Fix for issue 348 - incomplete tags with punctuation after as part of... $\ensuremath{\texttt{\#351}}$

[] ; Closed

I didn't see the PR from @vldhun before I submitted mine. However, having had more time to think about it, they're both flawed.

<x:// onclick="alert(1)"*Click Me*</pre>

Mine can be defeated by this:

The other can be defeated by this <x- onclick ="alert(1)"*Click Me* Also, it breaks a bunch of unit tests. xurble mentioned this issue on May 2, 2020

Issue 348 #353

Merged
 Me

v1dhun commented on May 3, 2020

HI @xurble .

I updated the code with checking white-spaces, Now its working fine.Could you please check it

huntr-helper commented on May 3, 2020

🤞 Hey! We've recently opened a bug bounty against this issue, so if you want to get rewarded 🧴 for fixing this vulnerability 💥, head over to https://huntr.dev!

xurble commented on May 4, 2020

@v1dhun I think we've both fixed it right now. Either would be OK, or the maintainers might have a better idea altogether.

kravietz commented on May 4, 2020 • edited 💌

Regex is going to be always bypassed as it assumes specific syntax while combinations for a renderable HTML are practically unlimited. This is one of the fundamental recommendations from

I'd recommend running the input text through bleach which is a whitelist-based HTML sanitizer.

I had a look at the markdown2 code but to be honest I don't know the code base enough to be able to see see an obvious place to plug it in.



nicholasserra closed this as completed in #353 on May 4, 2020

nicholasserra commented on May 4, 2020

Collaborator

I merged @xurble PR as it was on the main repo. LGTM, thank you!

I'm a little hesitant to introduce another library like bleach to sanitize final output. But it may be a good solution. Needs investigating.



kravietz commented on May 4, 2020 • edited 💌

@nicholasserra Yes, that's the classic dilemma. As developer I would probably prefer a big fat notice in the documentation stating that the main purpose of the library is not to sanitize untrusted code but to render Markdown, just to set the expectations right.

thmo commented on May 8, 2020

Does this warrant a new release? The 2.3.8 release is about a year old...

xurble commented on May 9, 2020

If it sways your thinking, the library is flagged by sentry, which is how I discovered the issue.



mcrot mentioned this issue on May 11, 2020

Upgrade markdown2 if possible ContactEngineering/TopoBank#458



nicholasserra commented on May 11, 2020

Collaborator

2.3.9 is now released



🔀 onegreyonewhite added a commit to vstconsulting/polemarch that referenced this issue on May 12, 2020



9c07d62

Labels
None yet
Projects
None yet
Milestone
No milestone
Development
Successfully merging a pull request may close this issue.
\$\int \text{lssue 348} \\ \text{zoo-digital/python-markdown2}
Tix for issue 348 - incomplete tags with punctuation after as part of zoo-digital/python-markdown2

8 participants

