

Issue recurring - task #30

Issue recurring not compatible with additional_s / additional_tags

2021-01-11 15:34 - jwalkerbg

Status:	closed	
Priority:	feature	
Assignee:	cryptogopher	
Category:		
Target version:	unspecified	
Redmine version:	unspecified	
Description		
When using together this plugin (Issue recurring) with the plugins		
<ul style="list-style-type: none">• additional_s (https://github.com/AlphaNodes/additional_s)• additional_tags (https://github.com/AlphaNodes/additional_tags)		
a stack overflow error occurs when copying an issue. I made an issue in the github page of additional_tags project (https://github.com/AlphaNodes/additional_tags/issues/6). It seems the problem is in the method of realization of copy_from method. The methods should be the same, but in this case they are different.		
More information is given in https://github.com/AlphaNodes/additional_tags/issues/6 and https://github.com/AlphaNodes/additional_s/issues/71#issuecomment-591290491		

History

#1 - 2021-01-28 12:21 - cryptogopher

Thank you for reporting. I wasn't even aware that such kind of problem even exists.

My understanding of the problem is that different plugins can use at least 2 different methods to override (patch) existing code (in this case: Issue#copy_from method). These methods are:

1. alias_method - like additional_tags plugin does (https://github.com/AlphaNodes/additional_tags/blob/master/lib/additional_tags/patches/issue_patch.rb) and
2. prepend + super - like additional_s and issue_recurring plugins do [source:lib/issue_recurring/issue_patch.rb@2d1ffc87](https://github.com/AlphaNodes/additional_s/blob/master/lib/issue_recurring/issue_patch.rb).

The problem is that all plugins have to patch the same code using same method consistently - otherwise problem occurs.

The question is: what kind of action do you expect from me? Whichever method of overriding issue_recurring uses, it will be incompatible with one of your other plugins. Moreover, according to this comment https://github.com/AlphaNodes/additional_s/issues/71#issuecomment-591290491, prepend + super is considered preferred way of overriding code. Changing it to alias_method in issue_recurring would be a step back.

#2 - 2021-01-28 12:22 - cryptogopher

- Status changed from new to feedback

#3 - 2021-01-28 12:57 - cryptogopher

- Status changed from feedback to in progress

Ok, I patched the code for you to be able to run it along with additional_tags.

You just need to make sure you're running latest issue_recurring version and replace the file in your installation with: [source:lib/issue_recurring/issue_patch.rb@issue30](https://github.com/AlphaNodes/additional_s/blob/master/lib/issue_recurring/issue_patch.rb)

I'm providing this patch only for transitory period, until other plugins update to prepend+super. I won't be actively updating it. If issue_recurring will upgrade in the meantime and you still need this patch and want to upgrade as well - let me know here. I'm not closing this ticket for some time.

Keep in mind though that - due to nature of the problem - even after applying this patch you can run into issues with different plugins (that don't use alias_method and override Issue#copy_from) and there is nothing we can do about it :/

#4 - 2021-01-29 20:21 - jwalkerbg

Thank you very much for this patch. I applied it and then copy issue was successful. Indeed, a tend to use as few plugins as it is possible, and this is because of avoiding compatibility problems. I use additional_s because it is used by another plugin - additional_tags. Redmine lacks core tagging system and we have to use third party plugins for that functionality.

#5 - 2022-02-01 23:28 - kepi

Just to let you know, same issue is with [ixti/redmine_tags](#) and fortunately same fix works. Thanks!

#6 - 2023-05-29 22:59 - cryptogopher

- Status changed from in progress to closed

#7 - 2023-06-08 15:22 - admin

- Priority changed from support to feature

#8 - 2023-06-08 15:31 - admin

- Tracker changed from 2 to task

- Target version set to unspecified

- Redmine version set to unspecified