

## Issue recurring - task #30

### Issue recurring not compatible with additional / additional\_tags

2021-01-11 15:34 - jwalkerbg

<b>Status:</b>	closed
<b>Priority:</b>	feature
<b>Assignee:</b>	cryptogopher
<b>Category:</b>	
<b>Target version:</b>	unspecified
<b>Redmine version:</b>	unspecified

#### Description

When using together this plugin (Issue recurring) with the plugins

- additional (<https://github.com/AlphaNodes/additionals>)
- additional\_tags ([https://github.com/AlphaNodes/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](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](https://github.com/AlphaNodes/additional_tags/issues/6) and <https://github.com/AlphaNodes/additionals/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](https://github.com/AlphaNodes/additional_tags/blob/master/lib/additional_tags/patches/issue_patch.rb)) and
2. prepend + super - like additional and issue\_recurring plugins do [source:lib/issue\\_recurring/issue\\_patch.rb@2d1ffc87](https://github.com/AlphaNodes/additional_tags/blob/master/lib/additional_tags/patches/issue_patch.rb#L22).

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/additionals/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_tags/blob/master/lib/additional_tags/patches/issue_patch.rb#L30)

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 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