

Issue recurring - task #45

HTTP error 406 during recurrence creation (text/html format requested)

2023-11-25 23:12 - issrec

Status:	in progress
Priority:	bug
Assignee:	cryptogopher
Category:	
Target version:	1.7
Redmine version:	4.2.x

Description

After adding a recurring issue, the page with the URI Pattern `/issues/:issue_id/recurrences` is loaded, which ends with a **406** error (presented by the browser's default page).

The following entry can be found in the *Redmine* logs:

```
...
I, [2023-11-24T19:52:56.765771 #1] INFO -- : Started POST "/issues/4549/recurrences" for 192.168
.235.13 at 2023-11-24 19:52:56 +0000
I, [2023-11-24T19:52:56.766672 #1] INFO -- : Processing by IssueRecurrencesController#create as
HTML
I, [2023-11-24T19:52:56.766728 #1] INFO -- : Parameters: {"utf8"=>"", "recurrence"=>{"
creation_mode"=>"copy_first", "include_subtasks"=>"false", "multiplier"=>"1", "mode"=>"
monthly_day_from_first", "anchor_to_start"=>"true", "anchor_mode"=>"first_issue_fixed", "
delay_multiplier"=>"0", "delay_mode"=>"day", "count_limit"=>"2"}, "limit_mode"=>"count", "commit"
=>"Add", "authenticity_token"=>"
4Vvkq5XOfiewXsPDqb7mKO+YQZTdhSLSk/unuuYmbFofKo+RxDpfHncA2jGvKUC3qTj1w9cKo8EZd7KjW0CXJ0g=", "
issue_id"=>"4549"}
I, [2023-11-24T19:52:56.771993 #1] INFO -- : Current user: test (id=64)
I, [2023-11-24T19:52:56.815807 #1] INFO -- : Completed 406 Not Acceptable in 49ms (ActiveRecord:
10.6ms)
F, [2023-11-24T19:52:56.816894 #1] FATAL -- :
F, [2023-11-24T19:52:56.817124 #1] FATAL -- : ActionController::UnknownFormat (
IssueRecurrencesController#create is missing a template for this request format and variant.
request.formats: ["text/html"]
request.variant: []):
F, [2023-11-24T19:52:56.817359 #1] FATAL -- :
F, [2023-11-24T19:52:56.817499 #1] FATAL -- : lib/redmine/sudo_mode.rb:61:in `sudo_mode'
...

```

The plugin creates three routes: [View details...](#)[View details...](#)

Prefix	Verb	URI Pattern
Controller#Action		
issue_recurrences	POST	<code>/issues/:issue_id/recurrences(.:format)</code>
issue_recurrences#create		
recurrence	DELETE	<code>/recurrences/:id(.:format)</code>
issue_recurrences#destroy		
project_recurrences	GET	<code>/projects/:project_id/recurrences(.:format)</code>
issue_recurrences#index		

The table of existing issue recurrences is implemented using the **create** action. The same functionality for project is implemented using the **index** action. According to the logged error message, the plugin is missing an [html template](#) for the **create** action. Looking at the files in `plugins/issue_recurring/app/views/issue_recurrences/`, you can see that there is an `index.html.erb` file/template, but no `create.html.erb` file/template.

The workaround for this error is to create a symbolic link using the command:

```
ln -f -s -T index.html.erb create.html.erb
```

```
redmine@3201187696a9:/usr/src/redmine/plugins/issue_recurring/app/views/issue_recurring$ ll
total 12
lrwxrwxrwx 1 redmine redmine  14 Nov 25 07:07 create.html.erb -> index.html.erb
-rw-r--r-- 1 redmine redmine  341 Nov 25 07:06 create.js.erb
-rw-r--r-- 1 redmine redmine  254 Nov 25 07:06 destroy.js.erb
-rw-r--r-- 1 redmine redmine 1601 Nov 25 07:06 index.html.erb
```

History

#1 - 2023-11-25 23:39 - cryptogopher

- Subject changed from HTTP ERROR 406 to HTTP error 406 during recurrence creation (text/html format requested)
- Status changed from new to in progress

Recurrence creation is done using JavaScript. The recurrence is created and list of recurrences refreshed on issue page without page reload. During this action `create.js.erb` is used as a view template.

For some reason your browser is requesting text/html format - for which there is no template available. Is it possible that you have JavaScript turned off?

#2 - 2023-11-26 00:25 - issrec

- File `2023-11-25_23.50.49_Screenshot.png` added

I have JavaScript enabled. I use *Firefox* browser, OS: *GNU/Linux*.

This is what the browser request looks like when a **406** error occurs: [2023-11-25_23.50.49_Screenshot.png](#)

PS. Additionally, after completing the creation of the recurrence, in the **Issue recurrences** tab, when we reload it (refresh - F5), the issue recurrence will be created again (previously a browser message about resending the data needed to perform the action). Re-creating the issue recurrence also happens on the **406** error page - as seen in [this video](#).

#3 - 2023-11-26 01:34 - cryptogopher

- File `Screenshot_2023-11-26_01-28-11.png` added
- File `Screenshot_2023-11-26_01-27-17.png` added

That the recurrence is created despite the 406 error is the correct behavior. Application:

1. Successfully tries to create recurrence, then
2. Fails only when trying to prepare view of all available recurrences in requested format.

Resending the same form causes second recurrence to be added, as expected.

For some reason your browser requests text/html format for (see Accept: text/html... in Request Headers in your screenshot), where it should request text/javascript (see my 1st screenshot).

- a) Can you locate and show me the form element corresponding to the new recurrence form, as shown on my 2nd screenshot?
- b) Do you have any browser plugins/extensions that could change the request details?

#4 - 2023-11-26 16:09 - issrec

- File `2023-11-26_09.04.55_Screenshot.png` added

cryptogopher wrote:

That the recurrence is created despite the 406 error is the correct behavior. Application:

1. Successfully tries to create recurrence, then
2. Fails only when trying to prepare view of all available recurrences in requested format.

Resending the same form causes second recurrence to be added, as expected.

OK

For some reason your browser requests text/html format for (see Accept: text/html... in Request Headers in your screenshot), where it should request text/javascript (see my 1st screenshot).

And this is the starting point for further exploration...

In my case the **initializer** is document, and in yours it is jquery-... - hmmm, interesting?

a) Can you locate and show me the form element corresponding to the new recurrence form, as shown on my 2nd screenshot?

As you wish - [2023-11-26_09.04.55_Screenshot.png](#)

b) Do you have any browser plugins/extensions that could change the request details?

I use:

- [Cookie Quick Manager](#)
- [Enhancer for YouTube™ \(Home\)](#)
- [Firefox Translations](#)
- [Tampermonkey](#)
- [uBlock Origin](#)
- [uMatrix](#)

I turned them all off and tested again - no changes, the Accept: text/html... in the request headers is still sent.

I also have *Chromium* and *LibreWolf* browsers - it works the same here, the Accept: text/html... is sent in the request headers too.

So this must be my [Redmine configuration...Redmine configuration...](#)

Environment:

```
Redmine version      4.2.10.stable
Ruby version         2.7.8-p225 (2023-03-30) [x86_64-linux]
Rails version        5.2.8.1
Environment          production
Database adapter     Mysql2
Mailer queue         ActiveJob::QueueAdapters::AsyncAdapter
Mailer delivery      smtp
```

SCM:

```
Subversion           1.14.1
Mercurial             5.6.1
Bazaar               3.1.0
Git                  2.30.2
Filesystem
```

Redmine plugins:

```
issue_recurring      1.7
redmine_agile        1.6.2
redmine_checklists   3.1.20
redmine_cms          1.2.2
redmine_contacts     4.3.4
redmine_contacts_invoices 4.2.5
redmine_issue_dynamic_edit 0.9.1
redmine_issue_templates 1.1.0
redmine_merge_request_links 2.2.0
redmine_people       1.6.1
redmine_resources    1.0.6
redmine_ssl_auth_cn  1.0.1
```

After testing..., the culprit turned out to be a plugin [Redmine Dynamic edit Issue plugin](#).

Thank you for your support and advice.

PS. The create.html.erb file is not needed.

#5 - 2023-11-26 16:30 - cryptogopher

So it looks like [redmine_issue_dynamic_edit](#) plugin somehow modifies the AJAX requests outside the ones it is handling by itself.

I think it would be reasonable to report this issue's details to the author of the other plugin. If you decide to do so, please share the ticket number with us, so I can track it.

#6 - 2023-11-26 20:26 - issrec

cryptogopher wrote:

I think it would be reasonable to report this issue's details to the author of the other plugin. If you decide to do so, please share the ticket number with us, so I can track it.

I registered the issue: [The plugin modifies the AJAX requests outside the ones it is handling by itself](#)

#7 - 2023-12-07 11:49 - issrec

It looks like it's a lot better than it was - comment from [Dec 6, 2023, 1:50 PM GMT+1](#).

Files

2023-11-25_Screenshot.png	21.4 KB	2023-11-25	issrec
2023-11-25_23.50.49_Screenshot.png	303 KB	2023-11-25	issrec
Screenshot_2023-11-26_01-28-11.png	190 KB	2023-11-26	cryptogopher
Screenshot_2023-11-26_01-27-17.png	137 KB	2023-11-26	cryptogopher
2023-11-26_09.04.55_Screenshot.png	138 KB	2023-11-26	issrec