

## Redmine - Defect #5749

### ETag on activity page ignores module, theme, project name changes

2010-06-24 11:39 - Holger Winkelmann

<b>Status:</b>	New	<b>Start date:</b>	2010-06-24
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	UI	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>			
<b>Description</b>			
<p>If you have limited the available modules for a given project and click on the Activity Tab you see ALL Tabs for ALL Modules, even the disabled ones. If you click on such a tab you get a 403. The sidebar also is not filtered.</p> <p>I'm using Redmine 0.9.4.devel.3797 (PostgreSQL) with the following environment:</p> <pre>About your application's environment Ruby version          1.8.7 (i486-linux) RubyGems version      1.3.5 Rack version          1.0 Rails version         2.3.5 Active Record version 2.3.5 Active Resource version 2.3.5 Action Mailer version 2.3.5 Active Support version 2.3.5 Application root      /var/lib/redmine Environment            production Database adapter       postgresql Database schema version 20100313171051  About your Redmine plugins Redmine Code Review plugin  0.3.0 Bulk Time Entry             0.4.0 Timesheet Plugin            0.5.0 Redmine iPhone plugin       0.0.1 Stuff To Do Plugin          0.0.2 Screenshot Paste            1.1.0 Rate Plugin                  0.1.0</pre>			
<b>Related issues:</b>			
Related to Redmine - Defect #8889: Activity page not refreshed correctly on u...			<b>New</b> <b>2011-07-23</b>

#### History

##### #1 - 2010-06-24 11:49 - Holger Winkelmann

This only occurs with One Project, another project with the same Module setting behaves correctly. I quickly tried to compare the Projects and the only difference I see so far is that the affected Project has commits of user in a remote SVN repository does not exist in the Redmine instance. This can happen in our setup as we use the Repository adapter in redmine to connect to remote repositories to "just" monitor the changesets and feed them into the Redmine activity line. But I dont know this is the root cause for this behavior.

##### #2 - 2010-06-24 12:03 - Holger Winkelmann

We found another project (this time with a git repo) but also with users in the git does not match to Redmine users.

Given that, what you think about a way to mark not matched redmine users in the redmine UI with i.e. a different Color ?

##### #3 - 2010-06-24 12:10 - Holger Winkelmann

BTW: the List of tabs will be corrected by clicking of the sidebar apply button while in the activity view. After that the List in the side bar ist correct as well. Clicking again of the Activity Tab the Menu and List is unfiltered again.

Hope this helps.

#### #4 - 2010-06-24 14:55 - Felix Schäfer

We need a way to reproduce, meaning here that you will have to try with a blank redmine and reproduce the problem. Seeing the number of plugins you have, it could be anyone of them or a combination misbehaving.

#### #5 - 2010-06-24 15:01 - Holger Winkelmann

Would be not so easy, as I'm currently just testing the Redmine provided to me.  
But I'll try to manage that. I'm already had a look in the log file, but don't see any issues there.

#### #6 - 2010-06-24 15:50 - Holger Winkelmann

Hi,  
  
I haven't managed a clean Redmine yet. But I can confirm that the issue only occurs if the Repository module is enabled.

#### #7 - 2010-06-24 16:25 - Holger Winkelmann

Holger Winkelmann wrote:  
  
Hi,  
  
I haven't managed a clean Redmine yet. But I can confirm that the issue only occurs if the Repository module is enabled.

With a user less Repository i.e. Type FileSystem, I have no issues either ...

#### #8 - 2010-06-24 17:43 - Holger Winkelmann

- *File activity.png added*  
  
While applying different Themes I recognized another strange behavior of the activity tab which may lead in the direction for this issue.  
  
Also Theme Changes are not maintained by clicking the activity Tab. The Theme is applied for the whole application, but clicking the strange behaving projects activity tab shows the previous theme.  
  
see Screenshots attached:

#### #9 - 2010-06-24 17:43 - Holger Winkelmann

- *File overview.png added*

#### #10 - 2010-06-24 18:02 - Holger Winkelmann

So finally I can report the exact behavior ;-)  
  
The Theme (and tabs) are not maintained because the activity view is somehow cached. A shift+reload of the activity URL fixes the problem of the tabs and Themes. It's reproducible for tabs and Themes.  
  
looking in the logfile the activity controller returns a "304 Not Modified" for the affected projects.

```
Processing ProjectsController#activity (for 192.168.2.143 at 2010-06-24 18:07:55) [GET]
  Parameters: {"action"=>"activity", "id"=>"gitosis", "controller"=>"projects"}
Completed in 112ms (View: 1, DB: 16) | 304 Not Modified [https://redmine.tpip.net/projects/gitosis/activity]
```

a not affected project i.e. with just a filesystem repo or no repo returns a "200 OK"

```
Processing ProjectsController#activity (for 192.168.2.143 at 2010-06-24 18:08:21) [GET]
  Parameters: {"action"=>"activity", "id"=>"zandbox-hwinkel", "controller"=>"projects"}
Rendering template within layouts/base
Rendering projects/activity
Completed in 82ms (View: 36, DB: 19) | 200 OK [https://redmine.tpip.net/projects/zandbox-hwinkel/activity]
```

#### #11 - 2010-06-25 15:00 - Holger Winkelmann

Have removed all Plugins now. But I still get the "304 Not Modified" for the activity controller which leads to the described behavior. A shift reload with open activity URL fixes the view because of the client triggered reload.  
  
May somebody can check the controller ?

Many Thanks.

#### #12 - 2010-06-27 01:25 - Felix Schäfer

Can you confirm if this happens on fresh install? (sorry if this has already been asked/answered) Can you also test this behavior against SQLite or

MySQL?

**#13 - 2010-06-27 12:30 - Holger Winkelmann**

Hi Felix, what ever fresh means ;-) I have removed all plugins from the ../vendor/plugins folder and made a svn update yesterday and run "Redmine 0.9.4.devel.3813 (PostgreSQL)" now. Currently I setup a new VM with Ubuntu 10.04 LTS to test a fresh install from scratch. While this I can try to check the other databases as well.

**#14 - 2010-07-07 19:34 - Holger Winkelmann**

Hi, just installed a clean redmine (trunk) with mySQL Database. have not seen the 304 mentioned above yet. Seems Activity tab work as expected. Will link redmine to a PostgresDB now.

**#15 - 2010-07-09 16:02 - Anonymous**

Hi, I can confirm the given behaviour by Holger.

I'm using Redmine 0.9.5.devel (MySQL). (did do the checkout yesterday (2010-07-08))

I was testing redmine with several projects and can confirm that the only project that has this problem is the project with a defined repository.

I did only remark the theme changing problem. It's only after reading this bugreport, that I saw also the problem with the tabs.

I looked into the generated html page and independent of which theme was selected, the link tag is always :

```
<link href="/redmine/themes/alternate/stylesheets/application.css?1278516175" media="all" rel="stylesheet" type="text/css" />
```

Something hardcoded, putted for testing and forgotten ;-) ??

Maybe a hint where begin to search...

(I will not be able to respond to questions because my holidays (3 weeks) starts +- now :- )

**#16 - 2010-07-23 15:40 - Holger Winkelmann**

I can confirm the issue with a clean install of the latest trunk (mySQL)

It seems the activity controller returns a 304, therefore the browser is using the cached data. You can easily see that if you change the Theme. After changing a Theme the new theme is directly applied but if you click the activity tab you see the page rendered with the previous theme.

If you SHIFT-Reload the activity URL the Theme gets updated.

BTW: the Issue Title does not reflect the behaviour any more. I think the Module settings are maintained but "just" the view is outdated because of the 304 send to the browser. (can please anybody with the appropriate permission change the Title)

Thanks a lot,

Holger

**#17 - 2010-07-23 15:43 - Holger Winkelmann**

One more, I still can confirm this only happens with a configured repository.

**#18 - 2010-08-09 07:53 - Anonymous**

I installed the new fresh 1.0.0stable version. The fresh database was replaced by a backup of my existing database, database migrations were done.

The theme problem seems to be disappeared, but the tabs problem is still there. And it only happens with a configured repository.

**#19 - 2010-08-09 20:02 - Holger Winkelmann**

Hi,

I can confirm this issue with a totally fresh installation as well.

**#20 - 2010-08-09 21:06 - Felix Schäfer**

- Subject changed from Project Activity, MenuTabs does not maintain modul settings to ETag on activity page ignores module, theme, project name changes

- Category changed from Permissions and roles to UI

Ahahaha, I can't believe I notice this the first time... So this is a problem with the ETAG the page has which causes extraneous/erroneous caching

client-side (the ETAG gets sent with the page, next request for that page says "I already have that page cached with ETAG so-and-so", and the server checks and says "yupp, that's the right one, no need to fetch the page again"), which you can recognize because of the 304 Not Modified (the webserver's "yupp, right one" answer).

Ok, so basically the ETAG is calculated only from the events present on the activity page, not anything else, which cause clients to cache the page more or less until a new event is generated, and this cached version still has the theme, modules, whatnot from when it was generated.

So, that's the cause of the problem, now to the solution...

[Eric Davis](#): I remember you keep statistics on demo.redmine.org, how much does the ETag on the activity page help, or rather: it being the only page with it, is it really worth it? Would maybe rendering the "container page" and the "activity list" separately (with separate ETags or whatnot) be possible/help?

Files			
activity.png	179 KB	2010-06-24	Holger Winkelmann
overview.png	145 KB	2010-06-24	Holger Winkelmann