

Redmine - Feature #12898

Handle GET /issues/context_menu parameters nicely to prevent returning error 500 to crawlers

2013-01-18 11:59 - Björn Peemöller

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	2.3.0		
Resolution:	Fixed		

Description

When I navigate to the URL /issues/context_menu in my browser, I get an error 500.

The airbrake notification I get points to line 36 in file app/views/context_menus/issues.html.erb:

ERROR MESSAGE:

```
NoMethodError: undefined method `include?' for nil:NilClass
```

WHERE:

```
context_menus#issues
```

```
[PROJECT_ROOT]/app/views/context_menus/issues.html.erb:36
```

```
[PROJECT_ROOT]/app/controllers/context_menus_controller.rb:71
```

URL:

```
http://<my-domain>/redmine/issues/context_menu
```

BACKTRACE:

```
[PROJECT_ROOT]/app/views/context_menus/issues.html.erb:36
```

```
[GEM_ROOT]/gems/actionpack-3.2.11/lib/action_view/template.rb:145
```

```
[GEM_ROOT]/gems/actionpack-3.2.11/lib/action_view/template.rb:145
```

```
...
```

I do not know in which circumstances this URL is used, but as this error is reproducible by retrieving the URL directly, it might be worth a fix.

My configuration:

Environment:

```
Redmine version      2.2.1.stable
Ruby version         1.8.7 (i486-linux)
Rails version        3.2.11
Environment          production
Database adapter     PostgreSQL
```

Redmine plugins:

```
redmine_wiki_extensions 0.6.0
```

Associated revisions

Revision 11226 - 2013-01-20 17:04 - Jean-Philippe Lang

Respond with 404 when params[:ids] is missing (#12898).

History

#1 - 2013-01-18 12:09 - Etienne Massip

- Status changed from New to Closed
- Resolution set to Invalid

This URL is called when right-clicking the issues list and is expecting a `ids[]=<issue id>` parameter matching each selected issue (try `/issues/context_menu?ids[]=10&ids[]=11` or whatever ids).

It is not meant to be called directly.

#2 - 2013-01-18 13:17 - Björn Peemöller

- Status changed from Closed to Reopened

Okay, I understand that. But I think returning a status code 400 indicating a bad request (or something similar) would be much better than relying on the Ruby code to crash. Therefore, I'm reopening this issue.

#3 - 2013-01-18 14:33 - Etienne Massip

Björn Peemöller wrote:

Okay, I understand that. But I think returning a status code 400 indicating a bad request (or something similar) would be much better than relying on the Ruby code to crash. Therefore, I'm reopening this issue.

Why would you care, this URL is intended for internal use only?

#4 - 2013-01-18 16:02 - Björn Peemöller

Etienne Massip wrote:

Why would you care, this URL is intended for internal use only?

Because I think that the API accessible from the outside world (in this case, accessible URLs) should be stable in the sense that even wrong parameters should not lead to a runtime error.

By the way, I found out that the [Google Bot](#) first asked for this URL, which is given in the initialization of the context menu:

```
<script type="text/javascript">
//
contextMenuInit('/redmine/issues/context_menu')
//]]&gt;
&lt;/script&gt;</pre></div><div data-bbox="48 561 940 586" data-label="Text"><p>I only noticed this because Airbrake automatically notifies me about internal server errors. If you do not intend to change this, I can configure Airbrake to conceal this error, of course.</p></div><div data-bbox="48 602 297 616" data-label="Section-Header"><h2>#5 - 2013-01-18 16:16 - Etienne Massip</h2></div><div data-bbox="48 620 910 720" data-label="List-Group"><ul><li>- Tracker changed from Defect to Feature</li><li>- Subject changed from <i>Get-Request of URL /issues/context_menu causes Error 500 to Handle GET /issues/context_menu parameters nicely to prevent returning error 500 to crawlers</i></li><li>- Category set to <i>Code cleanup/refactoring</i></li><li>- Target version set to <i>Candidate for next major release</i></li><li>- Resolution deleted (<i>Invalid</i>)</li></ul></div><div data-bbox="48 737 190 750" data-label="Text"><p>Björn Peemöller wrote:</p></div><div data-bbox="77 761 916 786" data-label="Text"><p>Because I think that the API accessible from the outside world (in this case, accessible URLs) should be stable in the sense that even wrong parameters should not lead to a runtime error.</p></div><div data-bbox="48 808 269 821" data-label="Text"><p>Agreed but this is not part of an API.</p></div><div data-bbox="77 832 916 857" data-label="Text"><p>I only noticed this because Airbrake automatically notifies me about internal server errors. If you do not intend to change this, I can configure Airbrake to conceal this error, of course.</p></div><div data-bbox="48 879 386 893" data-label="Text"><p>No, I simply need a good reason, you just gave me one.</p></div><div data-bbox="48 892 740 905" data-label="Text"><p>I set it as a FR since it's not exactly a defect to me (it's working as expected), fixer is free to switch it back to Defect.</p></div><div data-bbox="66 966 143 978" data-label="Page-Footer"><p>2025-05-17</p></div><div data-bbox="858 966 887 978" data-label="Page-Footer"><p>2/3</p></div>
```

#6 - 2013-01-20 11:56 - Björn Peemöller

Thanks, that sounds good.

#7 - 2013-01-20 17:04 - Jean-Philippe Lang

- *Status changed from Reopened to Closed*
- *Assignee set to Jean-Philippe Lang*
- *Target version changed from Candidate for next major release to 2.3.0*
- *Resolution set to Fixed*

Fixed in [r11226](#). You get a 404 response now.