

Redmine - Defect #34615

'Search' falsy parameters are not respected

2021-01-21 21:29 - Jakub G

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	REST API	Estimated time:	0.00 hour
Target version:	4.0.8	Affected version:	
Resolution:	Fixed		
Description			
<p>I'd like to implement search feature using REST API, but i noticed that this feature do not respect passed falsy values (booleans nor numbers). The same behavior can be observed on page.</p> <p>What i mean is that if i pass 'false' or '0' as value, it's treated like truthy value anyway.</p> <p>For example, logically, this query:</p> <p>https://www.redmine.org/projects/redmine/search?q=issue&#38;issues=0&#38;news=0&#38;changesets=0&#38;wiki_pages=1&#38;essages=false&#38;redmine_plugins=0</p> <p>should return results of only wiki pages with word 'issue' (because for other parameters i passed falsy values: '0' or 'false'). But those values are ignored. Even when i pass empty parameter (like '...&messages=&...') it's stil not working properly.</p> <h3>Why is it so big deal?</h3> <p>Well, since on page there is dedicated form for searching, it's not a problem, but when i'm using API eg. in Node.js, it's more logical and convinient way to pass all search parameters but with bool values (or eventually empty when use 'null' or 'undefined' JS type).</p> <p>P.S.: Tested on Redmine version 4.1.1</p>			

Associated revisions

Revision 20738 - 2021-02-06 06:03 - Go MAEDA

Ignore from search module params sent with empty values (#34615).

Patch by Marius BALTEANU.

Revision 20740 - 2021-02-08 07:22 - Go MAEDA

Merged r20738 from trunk to 4.1-stable (#34615).

Revision 20741 - 2021-02-08 07:24 - Go MAEDA

Merged r20738 from trunk to 4.0-stable (#34615).

History

#1 - 2021-01-24 23:38 - Marius BALTEANU

- Status changed from New to Confirmed

#2 - 2021-01-24 23:40 - Marius BALTEANU

Thanks Jakub for reporting this issue, I was able to confirm the strange behaviour.

#3 - 2021-01-25 00:10 - Marius BALTEANU

I took a look and it seems that some params (for example: all_words, titles_only) already supports passing a "falsy" value, but not by passing 0 (titles_only=0) or false (titles_only=false), but by passing an empty value (titles_only=). In a first phase, I think we can extend this behaviour to module params as well.

The change is quite small, but I'll post a patch in the following days after I check the tests.

```
diff --git a/app/controllers/search_controller.rb b/app/controllers/search_controller.rb
index d6bb2dd94..1a4a12fcc 100644
--- a/app/controllers/search_controller.rb
+++ b/app/controllers/search_controller.rb
@@ -63,7 +63,7 @@ class SearchController < ApplicationController
   @object_types = @object_types.select {|o| User.current.allowed_to?("view_#{o}".to_sym, projects_to_search)}
   end

- @scope = @object_types.select {|t| params[t]}
+ @scope = @object_types.select {|t| params[t].present?}
   @scope = @object_types if @scope.empty?

   fetcher = Redmine::Search::Fetcher.new(
(END)
```

Jakub, please let me know if this cover your needs.

#4 - 2021-01-25 00:14 - Marius BALTEANU

- Assignee set to Marius BALTEANU
- Target version set to Candidate for next major release

#5 - 2021-01-25 14:01 - Jakub G

Marius thanks for review. Would be great if in the future i could pass "0" and/or "false", but for now it's totally OK to pass empty value as well :) I'll just map false and 0 to an empty string in my code and that will do the trick :)

#6 - 2021-01-31 22:19 - Marius BALTEANU

- File 0001-Ignore-from-search-module-params-sent-with-empty-val.patch added
- Assignee deleted (Marius BALTEANU)

Here is the patch with a test.

#7 - 2021-02-04 05:16 - Go MAEDA

- Target version changed from Candidate for next major release to 4.0.8

Setting the target version to 4.0.8.

#8 - 2021-02-06 06:03 - Go MAEDA

- Status changed from Confirmed to Resolved
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. thank you.

#9 - 2021-02-08 07:24 - Go MAEDA

- Status changed from Resolved to Closed

Committed the patch. Thank you.

Files

0001-Ignore-from-search-module-params-sent-with-empty-val.patch	1.67 KB	2021-01-31	Marius BALTEANU
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