

Redmine - Feature #38446

Searching multiple multi-word phrases

2023-04-13 09:30 - Go MAEDA

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Search engine	Estimated time:	0.00 hour
Target version:			
Resolution:			

Description

Currently, the search engine does not support multiple multi-word phrases.

For example, we cannot search objects that contain two phrases "closed issue" and "closed version". If you give a search string "closed issue" "closed version", the search engine search for objects containing three strings "closed issue", "closed", and "version". This is due to the behavior of `Redmine::Search::Tokenizer#tokens`.

```
Redmine::Search::Tokenizer.new(%q|"closed issue" "closed version"|).tokens  
=> ["closed issue", "closed", "version"]
```

If the Tokenizer returns two tokens, "closed issue" and "closed version" for the same input, it will be possible to search for multiple multi-word phrases.

History

#1 - 2024-04-29 04:28 - Go MAEDA

- File 38446.patch added

I am submitting a patch for this issue, which enhances the tokenizer's ability to handle multiple quoted phrases.

#2 - 2024-04-30 10:18 - Go MAEDA

- File 38446-v2.patch added

Updated the patch.

- In the regular expressions, changed `[:space:]` to `\p{Zs}` which does not match with TAB, CR, and LF
- Improved the regular expression for `gsub`.

Files

38446.patch	1.51 KB	2024-04-29	Go MAEDA
38446-v2.patch	1.53 KB	2024-04-30	Go MAEDA