

Redmine - Patch #40010

Replace regular expression matches with String#start_with? / end_with?

2024-01-07 05:36 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Performance	Estimated time:	0.00 hour
Target version:	6.0.0		

Description

The attached patch replaces regular expression matches with String#start_with? and String#end_with?.

The change improves the efficiency and readability of the code.

```
ruby 3.2.2 (2023-03-30 revision e51014f9c0) [arm64-darwin22]
Warming up -----
'#123'.start_with?('#')
                2.218M i/100ms
/^#/.match?('#123') 1.322M i/100ms
Calculating -----
'#123'.start_with?('#')
                22.494M (± 1.0%) i/s -   113.141M in   5.030336s
/^#/.match?('#123') 13.208M (± 0.8%) i/s -    66.089M in   5.003943s

Comparison:
'#123'.start_with?('#'): 22494308.6 i/s
/^#/.match?('#123'): 13208263.3 i/s - 1.70x slower
```

Associated revisions

Revision 22605 - 2024-01-11 12:27 - Go MAEDA

Replace regular expression matches with String#start_with? / end_with? (#40010).

Patch by Go MAEDA (@maeda).

History

#1 - 2024-01-11 12:27 - Go MAEDA

- Subject changed from Replace regular expression matches with start_with? / end_with? to Replace regular expression matches with String#start_with? / end_with?

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed the patch in [r22605](#).

Files

start_end_with.patch	7.9 KB	2024-01-07	Go MAEDA
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