

## Redmine - Patch #40010

### Replace regular expression matches with String#start\_with? / end\_with?

2024-01-07 05:36 - Go MAEDA

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