

Redmine - Patch #40008

Replace String#sub with delete_prefix / delete_suffix

2024-01-06 01:03 - 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 `String#sub` which is used to remove leading or trailing substring with `String#delete_prefix` and `String#delete_suffix` introduced in Ruby 2.5.

The change improves the efficiency and readability of the code.

```
ruby 3.2.2 (2023-03-30 revision e51014f9c0) [arm64-darwin22]
Warming up -----
'#123'.delete_prefix('#')
                               1.497M i/100ms
'#123'.sub('^#', '')          936.977k i/100ms
Calculating -----
'#123'.delete_prefix('#')
                               14.822M (± 0.5%) i/s -    74.837M in   5.049042s
'#123'.sub('^#', '')          9.322M (± 1.2%) i/s -    46.849M in   5.026072s

Comparison:
'#123'.delete_prefix('#'): 14822395.1 i/s
'#123'.sub('^#', ''): 9322431.1 i/s - 1.59x slower
```

Associated revisions

Revision 22596 - 2024-01-08 02:04 - Go MAEDA

Replace String#sub with delete_prefix / delete_suffix (#40008).

Patch by Go MAEDA (@maeda).

Revision 22597 - 2024-01-08 02:14 - Go MAEDA

Refactor CustomFieldsControllerTest#custom_field_classes (#40008).

Revision 22598 - 2024-01-08 02:39 - Go MAEDA

Refactor file extension removal in Theme#assets to use File.basename instead of delete_suffix (#40008).

History

#1 - 2024-01-06 07:03 - Go MAEDA

- File delete-prefix-suffix-v2.patch added

#2 - 2024-01-08 02:15 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed the patch in [r22596](#).

Files

delete-prefix-suffix.patch	6.09 KB	2024-01-06	Go MAEDA
delete-prefix-suffix-v2.patch	9.63 KB	2024-01-06	Go MAEDA