Redmine - Patch #28939

replace regexp with casecmp

2018-06-04 00:46 - Pavel Rosický

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

Description

```
require 'benchmark/ips'
Benchmark.ips do |x|
  x.report('casecmp') { 'PostgreSql'.casecmp('postgresql') == 0 }
  x.report('match')   { 'PostgreSql' =~ /postgresql/i }
  x.report('match?')  { 'PostgreSql'.match? /postgresql/i }
  x.compare!
end

Comparsion:
casecmp:  4218477.8 i/s
 match?:  3025829.3 i/s - 1.39x  slower
  match:  2222223.1 i/s - 1.90x  slower
```

Related issues:

Related to Redmine - Patch #28940: Use Regexp#match? to reduce allocations of...	**Closed**

History

#1 - 2018-06-04 00:49 - Pavel Rosický

- File nested_set.patch added

#2 - 2018-06-04 01:44 - Go MAEDA

The proposed patch does not work for MySQL adapter because its name is "Mysql2". I think using exact match against adapter names is not a good solution.

```
irb(main):001:0> ActiveRecord::Base.connection.adapter_name
=> "Mysql2"
```

#3 - 2018-06-04 02:19 - Pavel Rosický

- Status changed from New to Resolved

ah, sorry. I totaly forgot about this case. I used match? insted in
http://www.redmine.org/issues/28940

so the behaviour won't be changed. Closing this one

#4 - 2018-06-04 03:28 - Go MAEDA

- Related to Patch #28940: Use Regexp#match? to reduce allocations of MatchData object added

#5 - 2018-06-04 03:31 - Go MAEDA

- Status changed from Resolved to Closed

Pavel Rosický wrote:

> I used match? insted in
> http://www.redmine.org/issues/28940

Closing this issue because #28940 covers this improvement. Thank you.

Files

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database.rb.patch	840 Bytes	2018-06-03	Pavel Rosický
nested_set.patch	1.02 KB	2018-06-03	Pavel Rosický