

Redmine - Patch #31059

Use #b shortcut instead of #force_encoding

2019-03-19 18:49 - Pavel Rosický

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	4.1.0		

Description

follow up for #26561

this patch replaces all `.force_encoding('ASCII-8BIT')` or `.force_encoding('BINARY')` to `.b`

String#b is available since Ruby 2.0

<https://www.rubydoc.info/stdlib/core/2.0.0/String%3ab>

#b returns unfrozen string so + can be omitted, this way the code can be much shorter and it's even faster

```
# frozen-string-literal: true
```

```
require 'benchmark/ips'
```

```
def test_b
  'loooooonghsalfhslakfsalhsfalhsalhsalhsa'.b
end
```

```
def test_force
  ("loooooonghsalfhslakfsalhsfalhsalhsalhsa").force_encoding('ASCII-8BIT')
end
```

```
Benchmark.ips do |x|
  x.report('b', 'test_b')
  x.report('force', 'test_force')
end
```

```
Warming up -----
```

```
  b  278.357k i/100ms
```

```
 force 191.903k i/100ms
```

```
Calculating -----
```

```
  b   8.628M (± 6.3%) i/s - 43.145M in 5.023695s
```

```
 force 3.888M (± 7.9%) i/s - 19.382M in 5.021761s
```

Related issues:

Related to Redmine - Feature # 26561: Enable frozen string literals

Closed

Associated revisions

Revision 17992 - 2019-03-20 02:36 - Go MAEDA

Use #b shortcut instead of #force_encoding (#31059).

Patch by Pavel Rosický.

History

#1 - 2019-03-19 23:33 - Go MAEDA

I think you can remove #dup placed before #b because #b returns copied string.

The attached patch:

```
str = str.dup.b
```

proposing change:

```
str = str.b
```

#2 - 2019-03-19 23:48 - Pavel Rosický

- File *core.patch* added
- File *tests.patch* added

fixed, thanks

#3 - 2019-03-20 00:24 - Go MAEDA

- Target version set to 4.1.0

#4 - 2019-03-20 00:24 - Go MAEDA

- Related to Feature #26561: Enable frozen string literals added

#5 - 2019-03-20 02:37 - Go MAEDA

- Status changed from New to Closed
- Assignee set to Go MAEDA

Committed the patches. Thank you for improving Redmine.

#6 - 2019-03-20 06:41 - Go MAEDA

- Subject changed from use #b shortcut instead of #force_encoding to Use #b shortcut instead of #force_encoding

Files

core.patch	6.54 KB	2019-03-19	Pavel Rosický
tests.patch	7.77 KB	2019-03-19	Pavel Rosický
core.patch	6.51 KB	2019-03-19	Pavel Rosický
tests.patch	7.77 KB	2019-03-19	Pavel Rosický