

## Ruby master - Bug #15387

### Backport r66242 (io.c (io\_write\_nonblock): add RB\_GC\_GUARD, io\_fflush may switch threads)

12/06/2018 12:14 PM - nagachika (Tomoyuki Chikanaga)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Target version:</b>		
<b>ruby -v:</b>		<b>Backport:</b> 2.4: DONE, 2.5: DONE
<b>Description</b>		
This is a ticket for backport management.		

#### Associated revisions

##### Revision 66242 - 12/06/2018 10:09 AM - normalperson (Eric Wong)

io.c (io\_write\_nonblock): add RB\_GC\_GUARD, io\_fflush may switch threads

Since io\_fflush may block on mutex or rb\_io\_wait\_readable and switch threads, we need to ensure the str VALUE returned by rb\_obj\_as\_string is visible to GC.

##### Revision d6ea20ff - 01/20/2019 04:47 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 66242: [Backport #15387]

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switch threads, we need to ensure the `str` VALUE returned by
`rb_obj_as_string` is visible to GC.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_5@66876 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 66876 - 01/20/2019 04:47 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 66242: [Backport #15387]

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##### Revision 6d7cab3b - 01/31/2019 10:56 AM - usa (Usaku NAKAMURA)

merge revision(s) 66242: [Backport #15387]

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_4@66965 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 66965 - 01/31/2019 10:56 AM - usa (Usaku NAKAMURA)

merge revision(s) 66242: [Backport #15387]

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Since io_fflush may block on mutex or rb_io_wait_readable and
switch threads, we need to ensure the `str` VALUE returned by
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#### History

##### #1 - 01/20/2019 04:47 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.4: *REQUIRED*, 2.5: *REQUIRED* to 2.4: *REQUIRED*, 2.5: *DONE*

ruby\_2\_5 r66876 merged revision(s) 66242.

**#2 - 01/31/2019 10:56 AM - usa (Usaku NAKAMURA)**

- Backport changed from 2.4: *REQUIRED*, 2.5: *DONE* to 2.4: *DONE*, 2.5: *DONE*

ruby\_2\_4 r66965 merged revision(s) 66242.